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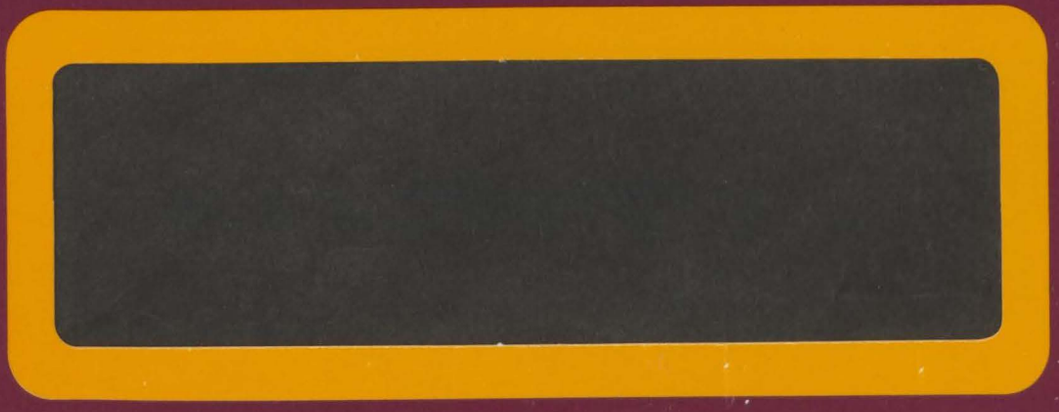

TECHNICAL REPORT 98-1

January 6, 1998

1997 MINNESOTA STATE SURVEY:

RESULTS AND TECHNICAL REPORT

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ACKNOWLEDGEMENTS

I gratefully acknowledge the contributions of the 31 interviewers and four data coders who spent numerous hours producing the data for this study. In addition, my thanks are extended to the staff of the 1997 Minnesota State Survey, whose responsibilities were:

Data Collection Manager	Pamela Schomaker
Shift Supervisors	Dara Anderson Mandi Brinkman Sheila Hoeck Sarah Justin Jason Krogseng Nathan Nolan Cale Schultz Becky Wandrei
Data Manager	Deb Rodi

I anticipate that the use of this data will justify the effort that was spent to collect the information.

Rossana Armson, Director
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1997 MINNESOTA STATE SURVEY: TECHNICAL REPORT

CHAPTER 1

METHODS AND PROCEDURES

OVERVIEW

The 1997 Minnesota State Survey (MSS'97) was the fourteenth annual omnibus survey of adults, age 18 and over, who reside in Minnesota. Data collection was conducted from October to December 1997 by the Minnesota Center for Survey Research at the University of Minnesota. MSS is an "omnibus" survey, where individual organizations define and pay for those questions which are of special interest to them. The ten topics in the survey were quality of life, environment, organizational awareness, community-based planning, transportation, volunteerism, nonprofits, the University of Minnesota, employment, and drunk driving.

A total of 800 telephone interviews were completed for MSS'97. The overall response rate was 65%. This compares reasonably well with other omnibus social surveys which generally have response rates of 70% to 75%.

The survey sample consisted of households selected randomly from all Minnesota telephone exchanges. Selection procedures guaranteed that every telephone household in the state had an equal chance to be included in the survey, and that once the household was sampled every adult had an equal chance to be included.

Since the individuals who participated in MSS'97 were randomly selected from the population of Minnesota, the survey results can be generalized to the entire state. These generalizations can be made either to households, using the unweighted data file, or to individuals, using the weighted data file as the source of the percentages. The questionnaire and results presented in Chapter 4 of this report are based on the weighted computer data file and all percentages presented there generalize to individuals.

There is a 95% chance or better that if all households in Minnesota were surveyed, the results would not differ from the MSS'97 findings by more than 3.5 percentage points.

OBJECTIVES

The Minnesota State Survey has four basic objectives. The first and most important of these is to get useful and technically sound information on the characteristics, attitudes, and behaviors of Minnesota residents for researchers and public policy decision-makers. MSS is an "omnibus" survey, where individual organizations define and pay for those questions which are of special interest to them. Such information is potentially relevant to a multitude of needs, including market analysis, needs assessment, project evaluation, and organizational planning.

The second objective is to develop an ongoing social monitoring capability for the state of Minnesota. Because the survey has been an annual event since 1984, it provides the means to maintain an updated statewide database and to monitor change in this database over the course of time.

The third objective is to provide students at the University of Minnesota with an opportunity to participate in a professional survey operation. This training experience greatly enhances the methodological skills of such students, which also enlarges and enriches the pool of social researchers ultimately available to other projects in the community.

The fourth objective is to develop and refine methods for conducting social surveys. The most advanced methods and techniques are utilized in MCSR surveys, but attention is given to explorations that improve upon existing research methods.

SURVEY TOPICS AND PARTICIPATING ORGANIZATIONS

The ten topics in the survey were quality of life, environment, organizational awareness, community-based planning, transportation, volunteerism, nonprofits, the University of Minnesota, employment, and drunk driving.

1) **Quality of Life** asked about the most important problem facing people in Minnesota today. This question was included by MCSR.

   Additional questions concerned issues that the state is using as indicators of performance. These questions included satisfaction with the amount and quality of services citizens get from state and local government, whether people have someone close by who they can rely on for help, whether people feel safe in the communities where they live, whether people have been the victim of a crime or have been discriminated against in the past year, and satisfaction with the quality of care children receive when their parents are not with them. These questions were funded by Minnesota Planning.

2) Minnesota state agencies plan to increase use of the Internet to answer citizens' questions and information needs. The first questions about **Environment** asked people for the most important information or data they would like to have about Minnesota's environmental and natural resources, whether this information would help them in their work, at school, or in some other way, and whether they have Internet access. These questions were included by the Foundations for Integrated Access to Environmental Information project at Minnesota Planning, with funds approved by the Legislative Commission on Minnesota Resources.

   The final series of questions in this section asked people to compare the current situation to ten years ago in the following environmental areas: the quality of Minnesota's air, the water quality for fishing and swimming in the lakes and rivers, and the level of contamination in the soil. These questions were funded by the Minnesota Pollution Control Agency.

3) **Organizational Awareness** questions concerned knowledge of what the Minnesota Pollution Control Agency (MPCA) does, and evaluating how it does at protecting the environment. These questions were also funded by the Minnesota Pollution Control Agency.

4) Questions about **Community-based Planning** asked how concerned people were about the effects of development on the state's forests, farmland, open space, lake shore areas, small cities and towns, and other resources. These questions were funded by Minnesota Planning.

5) **Transportation** questions concerned satisfaction with the time it takes to travel, the condition of Minnesota's major highway routes, snow and ice removal along major highway routes, and satisfaction when driving or riding through highway construction areas THIS PAST SUMMER in Minnesota. People were also asked about their satisfaction with services provided by the Minnesota Department of Transportation, such as activities related to road construction, managing traffic along major highway routes, overall satisfaction with all of the services provided by the Minnesota Department of Transportation, and the reasons for any reported dissatisfaction.

   People were also asked how interested they were in becoming involved in future transportation project decisions in their area, satisfaction with their opportunity to be involved in such decisions, the reasons for any reported dissatisfaction, and to rate seven different ways to inform people about opportunities for involvement in such decisions. These questions were funded by the Minnesota Department of Transportation.

6) Following a very specific definition of volunteer work, a question about **Volunteerism** asked people to report whether they have volunteered their time to help in a number of different settings in the past six months. This question was jointly funded by Minnesota Planning and by the Office of Citizenship and Volunteer Services, Minnesota Department of Administration.

7) Questions about **Nonprofits** included level of agreement with the Minnesota law that allows nonprofit organizations to be free from paying sales or property taxes, donation of money or work to a nonprofit organization other than a church, and the type of participation in nonprofit organizations. Thinking about their own giving, people were also asked whether they would donate more, about the same amount, or less to an organization if they knew that it received some of its funds from government agencies. Finally, a list of ten Minnesota nonprofit organizations was read, and for each one people were asked to estimate what percentage of the organization's income comes from government agencies. These questions were funded by the Minnesota Council of Nonprofits.

8) Questions about the entire **University of Minnesota** system focused on whether people had a favorable impression of the University as an educational institution, their familiarity with the University's missions and programs, and overall satisfaction with the University of Minnesota. These questions were funded by University Relations at the University of Minnesota.

Additional questions asked if people had heard of the University of Minnesota Extension Service, what programs and events the Extension Service offers in their community, and whether they have any ideas about programs or services they would like the University to have in their community. These questions were funded by the University of Minnesota Extension Service.

9) In the next section, people were first asked if they were thinking seriously about starting a new business. This question was funded by the Center for Rural Sociology and Community Analysis, School of Social Work, University of Minnesota.

After answering routine questions about **Employment**, individuals who were working full-time or part-time were asked how many days they travel to and from work in a typical week, how they normally get to work, whether they normally travel TO work between the hours of 6 am and 9 am, how many miles they usually travel one-way to get to their normal workplace, how many minutes that trip usually takes, how often they can predict that trip time, their satisfaction with the time it takes to travel TO work, whether they normally travel HOME from work between 3 pm and 6 pm, satisfaction with the time it takes to travel HOME from work, and satisfaction with the time it takes to travel for trips that are NOT related to work, such as running errands.

Next, they answered questions about how many days each week they work at home or at a satellite location instead of commuting to their normal workplace, why they work at home or at a satellite location, and whether they use any computer equipment when they work at home. The final questions asked people who are not currently doing it whether they have worked from home or at a satellite work location in the last FIVE years, why they are no longer doing it, and whether, in an IDEAL world, they would like to work from home or at a satellite work location, instead of commuting to their normal workplace. These questions were funded by the Minnesota Department of Transportation.

10) Questions about **Drunk Driving** asked about awareness that, if a person shows visible signs of being unable to drive, they can be arrested for drunk driving, EVEN if their blood alcohol concentration is BELOW the legal limit of .10, awareness that a woman weighing 120 pounds can have a blood alcohol concentration of .08 by drinking two glasses of wine in two hours, and whether the Minnesota state law should stay as it is with a blood alcohol concentration of .10 or whether the law should be changed to .08. These questions were funded jointly by the Licensed Beverage Association, Inc. and by the Minnesota Beer Wholesalers Association.

SAMPLING DESIGN

The survey sample consisted of households selected randomly from all Minnesota telephone exchanges. The random digit telephone sample was acquired from Survey Sampling, Inc. of Fairfield, Connecticut. Known business telephone numbers were excluded from this sample. In addition, the selected random digit telephone numbers were screened for disconnects, by using a computerized dialing protocol which does not make the telephone ring, but which can detect a unique dial tone that is emitted by some disconnected numbers. Evidence of the integrity of the sampling frame and the survey procedures is given in a later section of this chapter (Evaluation of the Sample).

Selection of respondents occurred in two stages: first a household was randomly selected, and then a person was randomly selected for interviewing from within the household. The selection of a person within the household was done using the Most Recent Birthday Selection Method, a sample of which appears in the introduction (See Appendix E: Administrative Forms). These selection procedures guaranteed that every telephone household in the state had an equal chance to be included in the survey, and that once the household was sampled every adult had an equal chance to be included.

INTERVIEWING

The 1997 Minnesota State Survey was the fourteenth annual omnibus survey of adults, age 18 and over, who reside in Minnesota. Data collection was conducted from October 14 to December 30, 1997 by the Minnesota Center for Survey Research (MCSR) at the University of Minnesota. Computer Assisted Telephone Interviewing (CATI) was used for this project.

Interviewers were students at the University of Minnesota. They were trained for this task and were supervised in their work.

Training of Interviewers

Training of interviewers was conducted in three phases. In the first phase, new interviewers were required to attend an initial training session during which they were given basic instruction in survey interviewing. The second phase occurred when interviewers attended a training session which covered survey procedures and policies for this project and provided hands-on experience with the CATI survey instrument. For the final phase of training, before beginning the actual telephone survey, each interviewer had a practice session with a supervisor or other MCSR staff member, followed by a fully-monitored pilot interview with a randomly selected respondent.

All interviewers were required to sign a statement of professional ethics, which contained explicit guidelines about appropriate interviewing behavior and the confidentiality of all respondent information. A copy of this statement is included in Appendix E.

Thirty one interviewers collected data for this survey. Eight of them had worked on at least one other telephone survey at MCSR before their involvement in this project, while 23 were working on their first telephone survey at MCSR.

Computer Assisted Telephone Interviews

This project used the Ci3 System for Computer Interviewing, from Sawtooth Software. Data were available immediately using CATI, with minimal editing.

To conduct interviews using Ci3, each interviewer uses a microcomputer, which displays questions on the computer screen in the proper order. The interviewer wears a headset and has both hands free for entering responses into the computer via the keyboard. Responses are entered as numbers, such as "1" for yes and "2" for no.

Ci3 also allows the computer to present specified questions in random order. This is particularly useful when asking respondents about a series of items with the same response categories. Randomization in CATI is governed by respondent number. The following survey questions were randomized:

Quality of Life (QA10a to QA10d) and (QA11a to QA11b),
Community-based Planning (QD1a to QD1e), and
Nonprofits (QG4a to QG4j).

Supervision

Shifts were managed by a supervisor whose responsibilities included distributing new phone numbers and scheduled appointments, supervising interviewers at work, and monitoring interviews.

Operations

The interviews were conducted by telephone from a central phone bank, with sound absorbing cubicles and computer stations, located at MCSR. The interviewing was conducted six days a week, including weekend, evening, and weekday interviewing.

Telephone numbers to be called were recorded on contact records, and these were distributed to interviewers at the beginning of each shift. The disposition of each attempt to complete an interview was recorded on these contact records. Each telephone number in the sample continued to be called until there were six "no answer" dispositions on six different shifts.

On the back of each contact record were two forms for recording relevant information about refusals and appointments. The refusal form included entries for the respondents' reasons for declining to participate in the study, the arguments used by the interviewer to encourage participation, and the point at which termination of the interview occurred. The appointment form specified the date and time of the scheduled appointment, the name of the targeted respondent if selected, and whether the appointment was firm, probable, or only a possibility.

For each call made, interviewers recorded the date, time, and disposition of the call as well as their unique interviewer number. Copies of the contact records and explanations for all possible disposition codes are included in Appendix E.

Open-ended responses were entered, verbatim, into the CATI computer program along with the other data for each respondent. In addition, interviewers were instructed to use the "Comments/Open-ended Information" form to record any incidents of repeating questions or categories, miscellaneous ad libs by respondents, and any problems they encountered during the interview. This information was attached to the contact record.

Completed interviews were recorded directly onto computer diskettes and removed from the computers at the end of each day by the supervisor. The contact record for each completed survey was then assigned a unique identification number in the master log. The CATI identification number, telephone number and other pertinent data were also recorded in the master log. All other contact records were returned to the supervisor at the end of the shift.

Answering Machine Messages

This sample had many households with answering machines. Interviewers were instructed to leave a message that stated they would be calling back and that encouraged the household to call MCSR to complete the interview. A copy of the answering machine script is included in Appendix E.

Monitoring

The silent-entry monitoring system used at MCSR enabled supervisors to listen to interviews and provide immediate feedback regarding improvements in interviewing quality. This system allowed the monitor to hear both the interviewer and the respondent during the interview. Interviewers whose performance was not satisfactory were re-evaluated on subsequent shifts. During the project, all of the interviewers and 32 percent of the interviews were monitored.

Verification

To verify that respondents were in fact interviewed, every twentieth respondent was selected from the master log and called back by a shift supervisor. Five percent of the respondents were contacted for verification and all confirmed that they had been interviewed.

Refusal Conversion

Nearly all of the initial refusals were recontacted by an interviewer. Thirteen percent of the completed interviews had initially been refusals, and were completed when they were subsequently recontacted.

MANAGEMENT OF DATA

Coding Open-Ended Questions

As many questions as possible were pre-coded. All open-ended coding was done by four experienced coders, who used an existing hierarchical code structure to categorize responses to the initial survey question about problems facing people in Minnesota today, and also assigned codes to the questions about the most important information or data the respondent would like to have about Minnesota's environmental or natural resources, reasons for dissatisfaction with the OVERALL service provided by the Minnesota Department of Transportation, how the respondent would like to become more involved in transportation project decisions in their area, what programs or services the University of Minnesota Extension Service offers in their community, and what programs or services they would like the University of Minnesota to have in their community.

Data Cleaning

After the data were transferred from the Ci3 file to an SPSS file, the data file was examined systematically to remove data entry errors. Data cleaning involved the use of a computer program to evaluate each case for variables with out-of-range values. In addition, the file was examined manually to identify cases with paradoxical or inappropriate responses.

EVALUATION OF THE SAMPLE

Completion Status

A total of 800 telephone interviews were completed for MSS'97 (Table 1). An additional 376 individuals refused to participate, and 61 telephone numbers were still active when interviewing was terminated. The remainder of the sample was categorized as follows: 58 were eliminated because of physical or language problems, 302 of the telephone numbers in the sample were not home telephone numbers, 307 were not working numbers, 313 were disconnected numbers identified by the Survey Sampling screening service, and 101 were attempted without success on at least 6 different occasions. An additional 63 households were ineligible because a female respondent had been randomly selected after we had determined that it was necessary to correct a skewed gender distribution. The overall response rate for MSS'97 was 65%. This compares reasonably well with other omnibus social surveys which generally have response rates of 70% to 75%. However, this does repeat the lowest response rate recorded for the Minnesota Statewide Survey in 1996, due at least in part to increases in the total number of survey projects conducted by all organizations.

TABLE 1

FINAL STATUS OF INTERVIEWING FOR MSS'97

Status	Number	(Percent)
Completion	800	(34%)
Refusal	376	(16%)
Active	61	(3%)
Physical or Language Problem	58	(2%)
Not Home Phone	302	(13%)
Not Working Number	307	(13%)
Disconnected Number (identified by screening svc)	313	(13%)
Six Attempted Contacts	101	(4%)
Female Screen-outs	63	(3%)
TOTALS	2,381	(101%)

$$\text{RESPONSE RATE} = \frac{\text{Completions}}{\text{Potential interviews *}} = 65\%$$

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* Potential interviews were defined as the sum of the first three categories in Table 1.

Representativeness

The accuracy of MSS'97 can be evaluated by comparing selected characteristics of the survey respondents with 1990 data from the U.S. Census. The geographic representation of the sample is compared to actual household distribution in the state of Minnesota (Tables 2 and 3). In addition to these geographic comparisons, gender and age comparisons based on the weighted data file are presented (Tables 4 and 5). The Census comparison for gender has been corrected for age, so that those percentages are based on the population 18 and over.

The percentage of households in each of the state development districts and regions was very close to the household distribution reported by the Census (Table 2 and Table 3, respectively).

TABLE 2

DISTRICT OF RESIDENCE COMPARISON OF MSS'97 AND CENSUS DATA
(Household Units, Unweighted Data)

	MSS'97	1990 Census
DISTRICT 1	2%	2%
DISTRICT 2	2%	1%
DISTRICT 3	6%	7%
DISTRICT 4	4%	4%
DISTRICT 5	3%	3%
DISTRICT 6E	3%	2%
DISTRICT 6W	1%	1%
DISTRICT 7E	3%	2%
DISTRICT 7W	8%	5%
DISTRICT 8	2%	3%
DISTRICT 9	4%	5%
DISTRICT 10	10%	9%
DISTRICT 11	52%	53%
TOTAL	100%	97%
	(800)	(1,647,974)

Figure 1, on the following page, shows the Minnesota counties represented by each district.

FIGURE 1

MINNESOTA DEVELOPMENT REGIONS

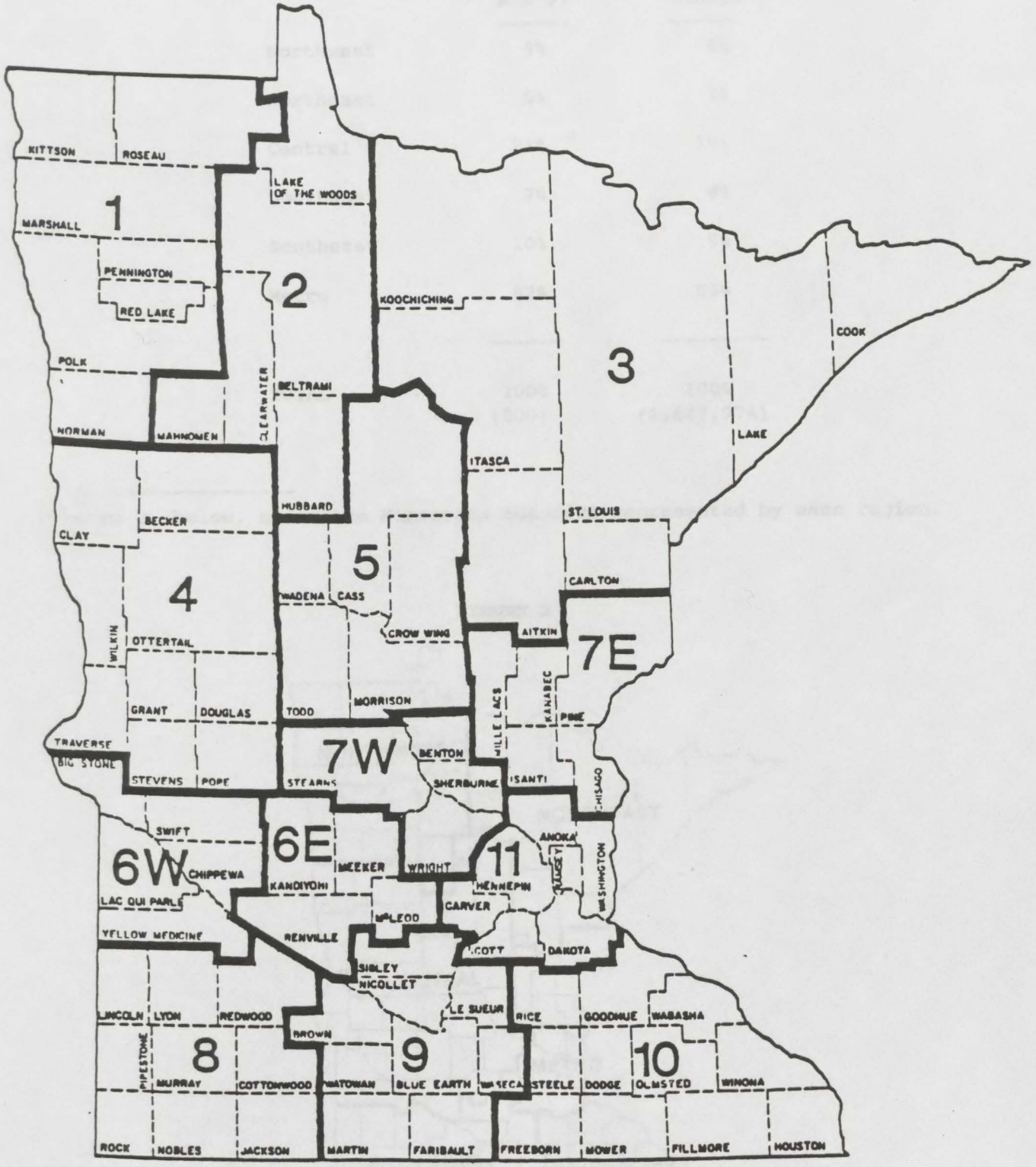

TABLE 3

REGION OF RESIDENCE COMPARISON OF MSS'97 AND CENSUS DATA
(Household Units, Unweighted Data)

	MSS'97	1990 Census
Northwest	4%	4%
Northeast	6%	7%
Central	21%	19%
Southwest	7%	8%
Southeast	10%	9%
Metro	52%	53%
TOTAL	100% (800)	100% (1,647,974)

Figure 2, below, shows the Minnesota counties represented by each region.

FIGURE 2

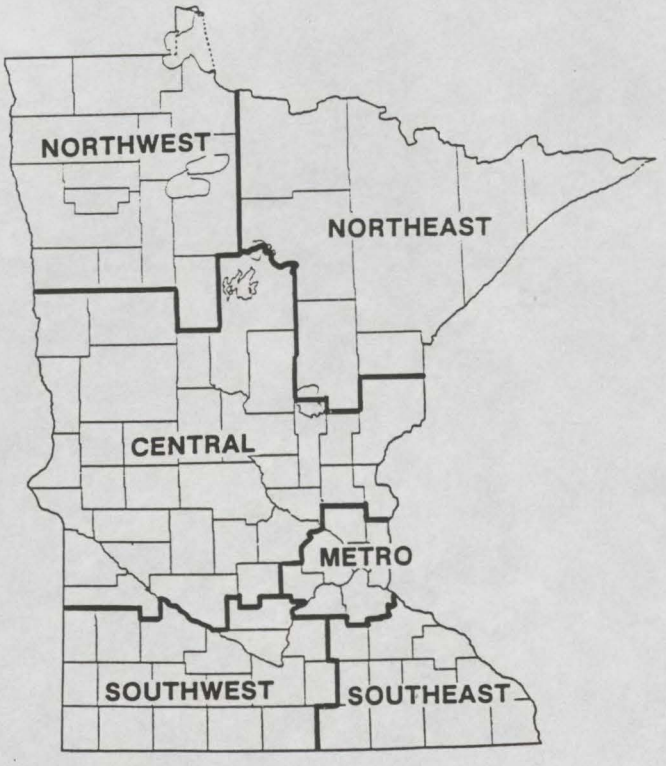

TABLE 4

GENDER COMPARISON OF MSS'97 AND CENSUS DATA
(Weighted data)

	MSS'97	1990 Census
Male	46%	48%
Female	54%	52%
TOTAL	100%	100%
	(800)	(3,208,316)

The distribution of respondents by gender, based on the weighted data file, was also very close to the individual distributions reported by the Census (Table 4). However, the proportion of MSS'97 respondents in various age categories does differ from the Census percentages (Table 5). The survey respondents include fewer individuals than would be expected in the younger age groups and include more individuals than would be expected in the 35 to 54 year old groups.

Using these tables to evaluate the degree to which the MSS'97 sample matches the profile of individuals currently living in Minnesota shows that it is generally an adequate representation of Minnesota residents.

TABLE 5

AGE COMPARISON OF MSS'97 AND CENSUS DATA
(Weighted data)

	MSS'97	1990 Census
18-24	9%	14%
25-34	18%	24%
35-44	26%	21%
45-54	21%	13%
55-64	11%	11%
65 +	14%	17%
TOTALS	99%	100%
	(787)	(3,208,316)

Generalizability of Results

Since the individuals who participated in MSS'97 were randomly selected from the population of Minnesota, the survey results can be generalized to the entire state. These generalizations can be made either to households, using the unweighted data file, or to individuals, using the weighted data file as the source of the percentages.

The questionnaire and results presented in Chapter 4 of this report are based on the weighted computer data file and all percentages presented there generalize to individuals. Each percentage point in MSS'97 represents approximately 32,083 individuals, since there are an estimated 3,208,316 adults in Minnesota.

SAMPLING ERROR

The margin of error for a simple random sample of the size of the Minnesota State Survey is plus or minus 3.5 percentage points, when the distribution of question responses is in the vicinity of 50 percent. This sampling error presumes the conventional 95% degree of desired confidence, which is equivalent to a "significance level" of .05. This means that in a sample of 800 households there is a 95% chance or better that if all households in Minnesota were surveyed, the results would not differ from the MSS'97 findings by more than 3.5 percentage points.

The distribution of sample responses is represented by the proportion of people responding to any question with a particular answer. For a sample size of 800 and a 50/50 distribution of question responses, the sampling error is 3.5 percentage points. A more extreme distribution of question responses has a smaller error range. Suppose that 80% of the respondents answer "Yes" and 20% say "No." The sampling error in this case would be 2.8 percentage points (see Table 6, below). That is, each percentage would have a range of plus or minus 2.8 percentage points.

TABLE 6

SAMPLING ERROR (IN PERCENTAGE POINTS) BY
DISTRIBUTION OF QUESTION RESPONSES AND SAMPLE SIZE

		Size of Sample (N)				
		800	600	400	200	100
Distribution of Question Responses (percent)	50/50	3.5	4.0	4.9	6.9	9.8
	60/40	3.4	3.9	4.8	6.8	9.6
	70/30	3.2	3.7	4.5	6.4	9.0
	80/20	2.8	3.2	3.9	5.5	7.8
	90/10	2.1	2.4	2.9	4.2	5.9

The importance of sample size in estimating sampling error also needs to be mentioned since many of the organizations using the MSS'97 data will be interested in subgroups, and not always the total sample of 800 completed interviews. Essentially, as the size of the sample decreases, there is a corresponding increase in the estimated sampling error. For example, for a subset of 200 persons the estimated error may be as high as plus or minus 6.9 percentage points.

As in all public opinion surveys, the results are also subject to other types of error associated with telephone data collection procedures. One general type of error is sampling error, and includes the systematic exclusion of households without telephones. The other general type of error is non-sampling error, and includes such things as question wording and question order.

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CHAPTER 2

DEMOGRAPHIC PROFILE OF THE SAMPLE

The purpose of this chapter is to briefly describe the MSS'97 sample according to its demographic characteristics. In addition to variables which are reported here as raw survey results, certain variables have been constructed for the convenience of the user, such as household income and household work status. (It should be noted that while the category labels for household income are not mutually exclusive, actual practice is to record incomes in the higher category. For example, a respondent who reported a household income of exactly $10,000 would be recorded in the category "$10,000 to $15,000".) The definitions for the construction of these variables can be found in Appendix C. The first eight variables describe characteristics of the respondent, while the remaining variables are characteristics of the household.

AGEMD **AGE OF RESPONDENT, GROUPED**

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
18 - 24	1	74	9.2	9.4	9.4
25 - 34	2	138	17.3	17.6	26.9
35 - 44	3	209	26.1	26.5	53.5
45 - 54	4	167	20.9	21.2	74.7
55 - 64	5	87	10.9	11.1	85.8
65 AND OLDER	6	112	14.0	14.2	100.0
	99	13	1.6	Missing	
	Total	800	100.0	100.0	

Valid cases 787 Missing cases 13

RACE **RACE OF RESPONDENT**

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
WHITE	1	742	92.7	92.9	92.9
BLACK	2	16	2.0	2.0	94.9
OTHER	3	40	5.1	5.1	100.0
	9	2	.2	Missing	
	Total	800	100.0	100.0	

Valid cases 798 Missing cases 2

GENDER **GENDER OF RESPONDENT**

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
MALE	1	372	46.5	46.5	46.5
FEMALE	2	428	53.5	53.5	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

EDUC EDUCATION OF RESPONDENT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
LESS THAN HS	1	15	1.8	1.8	1.8
SOME HS	2	35	4.4	4.4	6.2
HS GRADUATE	3	231	28.8	28.9	35.2
SOME TECH SCHOOL	4	25	3.1	3.1	38.3
TECH SCHOOL GRAD	5	52	6.5	6.6	44.9
SOME COLLEGE	6	188	23.5	23.5	68.4
COLLEGE GRADUATE	7	183	22.8	22.9	91.3
POST GRAD/PROF DEG	8	69	8.7	8.7	100.0
	99	3	.3	Missing	
	Total	800	100.0	100.0	

Valid cases 797 Missing cases 3

WKSTATUS WORK STATUS OF RESPONDENT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
WORKED FULL TIME	1	499	62.3	62.9	62.9
WORKED PART TIME	2	113	14.1	14.2	77.1
UNEMPLOYED	3	16	1.9	2.0	79.0
STUDENT	4	13	1.6	1.6	80.7
RETIRED	5	122	15.3	15.4	96.1
HOMEMAKER	6	31	3.9	3.9	100.0
	9	7	.8	Missing	
	Total	800	100.0	100.0	

Valid cases 793 Missing cases 7

MARSTAT MARITAL STATUS OF RESPONDENT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
MARRIED	1	518	64.7	65.5	65.5
SINGLE	2	171	21.3	21.6	87.1
DIVORCED	3	56	7.0	7.1	94.2
SEPARATED	4	3	.4	.4	94.6
WIDOWED	5	43	5.4	5.4	100.0
	9	9	1.2	Missing	
	Total	800	100.0	100.0	

Valid cases 791 Missing cases 9

PARTYID POLITICAL PARTY IDENTIFICATION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strong Dem	1	122	15.3	16.0	16.0
Weak Dem	2	135	16.9	17.6	33.5
Indep Dem	3	93	11.6	12.1	45.6
Indep Ind	4	108	13.5	14.1	59.7
Indep Rep	5	94	11.7	12.2	71.9
Weak Rep	6	121	15.1	15.8	87.7
Strong Rep	7	94	11.8	12.3	100.0
Apolitical	9	33	4.1	Missing	
	Total	800	100.0	100.0	

Valid cases 767 Missing cases 33

PARTY POLITICAL PARTY, GROUPED

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Democratic	1	350	43.7	45.6	45.6
Independent	2	108	13.5	14.1	59.7
Republican	3	309	38.6	40.3	100.0
Apolitical	9	33	4.1	Missing	
	Total	800	100.0	100.0	

Valid cases 767 Missing cases 33

HHCOMP HOUSEHOLD COMPOSITION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
MARRIED, KIDS	1	282	35.3	35.7	35.7
MARRIED, NO KIDS	2	236	29.5	29.8	65.5
SINGLE PARENT	3	88	11.0	11.1	76.7
SINGLE, NO KIDS	4	185	23.1	23.3	100.0
	9	9	1.2	Missing	
	Total	800	100.0	100.0	

Valid cases 791 Missing cases 9

HHSIZE HOUSEHOLD SIZE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
ONE PERSON	1	88	11.0	11.0	11.0
TWO PEOPLE	2	252	31.6	31.6	42.6
3 OR 4 PEOPLE	3	318	39.8	39.9	82.5
5 OR MORE PEOPLE	4	140	17.5	17.5	100.0
	9	2	.2	Missing	
	Total	800	100.0	100.0	

Valid cases 798 Missing cases 2

NADULTS NUMBER OF ADULTS IN HOUSEHOLD

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	106	13.3	13.3	13.3
	2	501	62.6	62.6	75.9
	3	138	17.3	17.3	93.2
	4	35	4.4	4.4	97.6
	5	8	1.0	1.0	98.6
	6	3	.4	.4	99.0
	7	4	.5	.5	99.4
	9	5	.6	.6	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

NKIDS NUMBER OF CHILDREN IN HOUSEHOLD

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	427	53.3	53.3	53.3
	1	153	19.1	19.1	72.5
	2	149	18.7	18.7	91.1
	3	52	6.5	6.5	97.7
	4	12	1.5	1.5	99.2
	5	5	.6	.6	99.7
	6	2	.3	.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

INCOME HOUSEHOLD INCOME

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
UNDER $5,000	1	8	1.0	1.1	1.1
$5 TO 10,000	2	16	1.9	2.2	3.4
$10 TO 15,000	3	29	3.6	4.2	7.6
$15 TO 20,000	4	41	5.2	6.0	13.6
$20 TO 25,000	5	48	6.0	6.9	20.4
$25 TO 30,000	6	39	4.9	5.6	26.1
$30 TO 35,000	7	38	4.7	5.5	31.5
$35 TO 40,000	8	44	5.4	6.3	37.8
$40 TO 50,000	9	111	13.9	16.0	53.9
$50 TO 60,000	10	97	12.2	14.1	67.9
$60 TO 70,0000	11	72	9.0	10.4	78.4
$70 TO 80,000	12	47	5.8	6.7	85.1
$80,000 or more	13	103	12.9	14.9	100.0
	99	108	13.5	Missing	
		800	100.0	100.0	

Valid cases 692 Missing cases 108

HHWKSTAT HOUSEHOLD WORK STATUS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
WORKED FULL TIME	1	586	73.2	75.5	75.5
WORKED PART TIME	2	49	6.1	6.3	81.8
UNEMPLOYED	3	16	1.9	2.0	83.8
STUDENT	4	4	.5	.5	84.3
RETIRED	5	117	14.6	15.0	99.3
HOMEMAKER	6	5	.6	.7	100.0
	9	24	3.0	Missing	
		800	100.0	100.0	

Valid cases 776 Missing cases 24

CITY LOCATION OF RESIDENT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
MINNEAPOLIS	1	60	7.5	7.6	7.6
ST PAUL	2	36	4.5	4.6	12.1
OTHER	3	698	87.2	87.9	100.0
	9	6	.7	Missing	
	Total	800	100.0	100.0	

Valid cases 794 Missing cases 6

DDREGION DEVELOPMENT DISTRICT REGION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
DISTRICT 1	1	13	1.6	1.6	1.6
DISTRICT 2	2	20	2.5	2.5	4.1
DISTRICT 3	3	49	6.2	6.2	10.3
DISTRICT 4	4	28	3.5	3.5	13.8
DISTRICT 5	5	23	2.9	2.9	16.7
DISTRICT 6E	6	23	2.9	2.9	19.6
DISTRICT 6W	7	7	.9	.9	20.5
DISTRICT 7E	8	24	3.0	3.0	23.5
DISTRICT 7W	9	57	7.1	7.1	30.7
DISTRICT 8	10	18	2.2	2.2	32.9
DISTRICT 9	11	31	3.8	3.8	36.7
DISTRICT 10	12	80	10.0	10.0	46.7
DISTRICT 11	13	426	53.3	53.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

GEOREGN GEOGRAPHIC REGION OF MINNESOTA

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
NORTHWEST	1	33	4.1	4.1	4.1
NORTHEAST	2	49	6.2	6.2	10.3
CENTRAL	3	163	20.3	20.3	30.7
SOUTHWEST	4	48	6.0	6.0	36.7
SOUTHEAST	5	80	10.0	10.0	46.7
METRO	6	426	53.3	53.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

METRO GREATER MINNESOTA OR TWIN CITIES AREA

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
GREATER MINNESOTA	1	374	46.7	46.7	46.7
TWIN CITIES AREA	2	426	53.3	53.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

WGHT CASE-WEIGHTING FACTOR

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	.51847051199	106	13.3	13.3	13.3
	1.0369410240	501	62.6	62.6	75.9
	1.5554115360	138	17.3	17.3	93.2
	2.0738820480	35	4.4	4.4	97.6
	2.5923525599	8	1.0	1.0	98.6
	3.1108230719	3	.4	.4	99.0
	3.6292935839	4	.5	.5	99.4
	4.6662346079	5	.6	.6	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

CHAPTER 3

INSTRUCTIONS FOR USING THE QUESTIONNAIRE AND RESULTS

OBJECTIVES

The questionnaire and results (Chapter 4 of this report) for a survey data file serve three basic functions: (1) a record of the exact wording and order of the survey questions; (2) a report of the responses to those questions; and (3) documentation of the variable names, which are necessary to access the computer data file. The questionnaire and results section of this report is a copy of the questionnaire with the frequency distributions and percentages added to those questions which were pre-coded or closed-ended. Appendix A contains the responses to open-ended questions, while Appendix B shows the responses to continuous variables, such as year of birth. Appendix C provides the definitions for constructed variables which make many of these responses more useful, e.g. age group. The distributions for these constructed variables are presented in Chapter 2 of this report: Demographic Profile of the Sample. Appendix D contains the frequency counts for administrative variables, such as interview length. Finally, Appendix E contains copies of the administrative forms used for this survey.

INTERPRETING THE QUESTIONNAIRE RESULTS

Chapter 4 of this report contains a replica of the 1997 Minnesota State Survey questionnaire. Two pieces of information have been added to this replica: question labels, and the response frequencies and percentages for each question. The questionnaire and response frequencies will be of major interest to most readers. The question labels, or variable labels, are useful documentation for those who wish to use a computer and the SPSS software package for more detailed analysis.

The questionnaire is an exact replica. This is important in order to know how questions were phrased, in what order they were asked, and when it was proper to skip certain questions. Interviewers were instructed to read these questions verbatim and to avoid giving their interpretations or opinions in any way. Two types of markings which appear on the survey form were not indicated to respondents: instructions to the interviewers which are shown in parentheses, and section and survey labels which are shown in bold type.

To the right of each question is printed a list of permissible answers and a code number for each answer. The interviewer was instructed to enter into the CATI program the code number of the answer given by the respondent. A new CATI questionnaire was used for each interview and was assigned a unique code number to identify the answers of each respondent. The third question in the demographics section of the survey provides a good example of this coding scheme. If a respondent reported being a homeowner, "1" would be entered into the computer for that question.

The responses to open-ended questions were entered verbatim into the CATI computer program for each survey. These responses were later either: (1) classified into categories by specially trained coders who entered a category number into the CATI coding program for those questions or (2) transcribed verbatim. The responses which were classified into categories are summarized in Appendix A. The responses from open-ended questions that were transcribed verbatim were provided to the funding organization. These listings are available from the MCSR office upon request, once the funding organization has approved their release.

Questions with continuous distributions, where many discrete answers are possible, were shown with open spaces in the answer column of the question. Interviewers simply typed numbers, such as zip code and year of birth, into the CATI computer program. The responses to those questions are presented in Appendix B.

Missing Value Nomenclature

For all types of questions, two to three types of "missing" response categories exist: DK or don't know, RA or refused to answer, and NA or not applicable. The first two categories are self-explanatory and are always options for respondents. Not applicable is an option when some respondents were not required to answer a particular question. The code associated with each missing value category is indicated for each question in the survey.

Response Frequencies

The responses summed for all 800 respondents are shown in the last two columns to the right of each question. The first of these columns shows the number of people in each response category: these should sum to 800, with some rounding error. The second number is the percentage response, adjusted to exclude the missing response categories.

For most analytical purposes, people will want these adjusted percentages. They were computed and presented here to meet that need. These adjusted percentages are less appropriate when used as a public opinion poll, for showing public support for policies. For example, if 15 percent of the respondents did not answer a question, but 55 percent of those who did answer supported a particular position, it is inappropriate to argue that the issue has majority support. In this example, only 47 percent of all people would actually be supportive. For policy choices, it may be more appropriate to show the percentage distribution of all 800 respondents.

Analysts should beware of using these adjusted percentages. Where the number of people not responding is large, the adjusted percentages will misrepresent public sentiment. Contact MCSR if you have any doubt which percentages to use.

One final comment: the frequencies shown here are "weighted" by the number of adults in the household as explained below. This technique introduces some rounding errors, so that the sum of the frequencies for a given question may not equal exactly 800.

VARIABLES PRESENTED IN APPENDICES

Open-Ended Variables

The results from the open-ended questions (the most important problem facing people in Minnesota today, the most important information or data the respondent would like to have about Minnesota's environmental or natural resources, reasons for dissatisfaction with the OVERALL service provided by the Minnesota Department of Transportation, how the respondent would like to become more involved in transportation project decisions in their area, what programs or services the University of Minnesota Extension Service offers in their community, and what programs or services they would like the University of Minnesota to have in their community) are presented in Appendix A. The results from any other open-ended questions on the survey were transcribed verbatim and provided to the funding organization. These listings are available from the MCSR office upon request, once the funding organization has approved their release.

Continuous Variables

The results from questions which have continuous response distributions, such as zip code and year of birth, are presented in Appendix B.

Constructed Variables

Appendix C contains the operational definitions of the constructed variables for the convenience of the data file user. The distribution of these variables is presented in Chapter 2 of this report: Demographic Profile of the Sample. These constructed variables are contained in the SPSS data file along with all of the original variables.

Administrative Variables

The results from survey administration items, such as date of completion and interviewer ID, are presented in Appendix D.

VERBATIM RESPONSES

MCSR maintains records of verbatim responses. For open-ended questions, this record is in the CATI data file. A separate listing of responses is also created and maintained for most question answers which fall outside a permissible list and are coded as "other". For example, a Socialist would fall outside the normal political list of Republican, Democrat, or Independent and would be coded as "other". These lists are available from the MCSR office upon request for most questions in the survey.

WEIGHTING OF DATA

The responses presented in the questionnaire and results section of this report and in the appendices have been weighted based upon the total number of adults living in the household.

The results for this omnibus survey are routinely weighted by the number of adults living in the household because telephone surveys tend to oversample people who live in single-individual households. Consequently, these individuals were downweighted by about 50% and all others upweighted accordingly to more accurately represent the distribution of adult members within households in the population of the state.

Weighted response distributions will differ slightly from unweighted distributions. The construction and activation of the weighting factor is described in Appendix C, under the variable "WGHT."

MFS-97.CDB/B-27 1/5/98

A. QUALITY OF LIFE

The first questions are about quality of life.

QA1GRP. In your opinion, what do you think is the SINGLE most important problem facing people in Minnesota today?

(IF "TAXES", PROBE: Is that income taxes, property taxes, or sales tax?)

SEE APPENDIX A, PAGE A-2, FOR A MORE COMPLETE LIST OF PROBLEMS

_____

_____

(PROBE DK RESPONSES)

		Freq	%
Taxes	.01	96	13
Education	.02	54	7
Environment	.03	41	6
Economy	.04	123	16
Health care	.05	36	5
Transportation	.06	12	2
Housing	.07	2	0
Food	.08	3	0
Government	.09	49	6
War	.10	2	0
Crime	.11	130	17
Energy	.12	0	-
Social issues	.13	114	15
Family	.14	50	7
Other	.15	38	5
DK	.88	44	
RA	.99	6	

QA2. How satisfied are you with the amount and quality of services you get from state and local government . . . very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied?

		Freq	%
Very satisfied	1	146	19
Somewhat satis	2	493	63
Somewhat dissatis	3	105	14
Very dissatisfied	4	36	5
DK	8	17	
RA	9	4	

QA3. Do you have a neighbor, friend, or relative close by who you can rely on for help?

		Freq	%
Yes	1	736	92
No	2	64	8
DK	8	0	
RA	9	0	

QA4. How safe do you feel in the community where you live . . . always safe, usually safe, often not safe, or never safe?

		Freq	%
Always safe	1	324	41
Usually safe	2	451	56
Often not safe	3	21	3
Never safe	4	3	0
DK	8	1	
RA	9	1	

QA5. During the past twelve months, were you the victim of a crime?

		Freq	%
Yes	1	95	12
No	2	705	88
DK	8	0	
RA	9	1	

QA6. In the past year, have you been discriminated against because of your race, sex, or ethnic or cultural background?

		Freq	%
Yes	1	81	10
No	2	711	90
DK	8	8	
RA	9	0	

			Freq	%
QA7. Are there any children under 12 years old in your household?	Yes	1	250	31
	No	2	549	69
	(IF NO, GO TO 8)			
	DK	8	0	
	RA	9	1	
QA7a. (IF YES) Are any of these children under six years old?	Yes	1	140	56
	No	2	110	44
	DK	8	0	
	RA	9	0	
	NA		550	
QA7b. (IF YES) Thinking about your children under TWELVE, how satisfied are you with the QUALITY of care they receive when you are not with them . . . very satisfied, satisfied, dissatisfied, or very dissatisfied?	Very satisfied	1	137	59
	Satisfied	2	88	38
	Dissatisfied	3	7	3
	Very dissatisfied	4	2	1
	DK	8	9	
	RA	9	8	
	NA		550	

B. ENVIRONMENT

QB1GRP. Minnesota state agencies plan to increase use of the Internet to answer citizens' environmental and natural resource questions and information needs. To do that effectively, they would like to know what kind of information or data citizens want. What is the most important information or data YOU would like to have about Minnesota's environmental and natural resources? (RECORD VERBATIM RESPONSES; PROBE FOR THREE ANSWERS)

SEE APPENDIX A, PAGES A-4 TO A-7

_____

_____

_____

_____

(IF DK/RA, GO TO 4)

2. Would this information help you in your work, at school, in your civic or volunteer activities, in planning a vacation trip, or in some other way?

		YES	NO	DK	RA	NA	
		1	2	8	9	.	
QB2a.	Work	152 (28)	395 (72)	74	9	170	Freq (%)
QB2b.	School	106 (19)	441 (81)	74	9	170	
QB2c.	Civic or volunteer activity	176 (32)	371 (68)	74	9	170	
QB2d.	Planning a vacation trip	276 (50)	271 (50)	74	9	170	
QB2e.	Other (SPECIFY) _____	100 (18)	447 (82)	74	9	170	
QB2f.	Info would not help (VOLUNTEERED)	40 (7)	507 (93)	74	9	170	
QB2g.	Info in general would help (VOLUNTEERED)	42 (8)	505 (92)	74	9	170	

		Freq	%
QB3. Do you have access to information on the Internet at work, at home, or somewhere else?	Yes, at work 1	120	19
	Yes, at home 2	110	18
	Yes, both. 3	103	16
	Yes, other (SPEC). . 4	17	3
	No Internet access . 5	226	36
_____	Yes, at library (VOL)6	12	2
(SPECIFY OTHER HERE)	Yes, at friends (VOL)7	25	4
	Yes, at school (VOL) 8	18	3
	DK . . .88	0	
	RA . . .99	0	
	NA	170	

QB4. (IF RESPONDENT WAS NOT IN THE AREA FIVE YEARS AGO, A8a = 4, GO TO NEXT SECTION)

The next questions are about the environment.

Compared to TEN years ago, is the quality of Minnesota's AIR in your area better today, about the same, or worse?	Better 1	89	12
	About the same . . 2	459	63
	Worse. 3	151	21
	Not in area ten years ago (VOL). 4	26	4
	(IF NOT IN AREA TEN YEARS AGO, GO TO NEXT SECTION)		
	DK . . . 8	18	
	RA . . . 9	1	
	NA	56	
QB5. Compared to TEN years ago, is the WATER quality for fishing and swimming in the lakes and rivers in your area better today, about the same, or worse?	Better 1	98	14
	About the same . . 2	204	29
	Worse. 3	398	57
	DK . . . 8	17	
	RA . . . 9	1	
	NA	82	
QB6. Compared to TEN years ago, is the SOIL in your area less contaminated today, about the same, or more contaminated?	Less contaminated. 1	71	11
	About the same . . 2	384	58
	More contaminated. 3	208	31
	DK . . . 8	52	
	RA . . . 9	3	
	NA	82	

C. ORGANIZATIONAL AWARENESS

Now I have some questions about the Minnesota Pollution Control Agency.

QC1. Do you have an idea what the Minnesota Pollution Control Agency does?	Yes	1	444	56
	No	2	271	34
	Maybe (VOL)	3	81	10
	DK	8	3	
	RA	9	1	
QC2. Overall, how do you think the Minnesota Pollution Control Agency does at protecting the environment . . . excellent, good, fair, or poor?	Excellent	1	32	5
	Good	2	310	44
	Fair	3	304	43
	Poor	4	59	8
	DK	8	93	
	RA	9	3	

D. COMMUNITY-BASED PLANNING

1. Minnesota's growing population and expanding economy are creating increased discussion about the effects of development on the state's resources. Please tell me whether you are very concerned, somewhat concerned, or not concerned about the effects of development on the state's (READ LIST)?

	VERY CONCERNED 1	SOMEWHAT CONCERNED 2	NOT CONCERNED 3	DK 8	RA 9	
	373	339	73	13	2	Freq
___ QD1a. Forests	(48)	(43)	(9)			(%)
	369	316	99	14	3	
___ QD1b. Farmland	(47)	(40)	(13)			
	262	373	142	19	4	
___ QD1c. Open space	(34)	(48)	(18)			
	395	326	65	12	2	
___ QD1d. Lake shore areas	(50)	(42)	(8)			
	259	401	129	10	2	
___ QD1e. Small cities and towns	(33)	(51)	(16)			

RANDOM START D1: ___

221	442	104	27	5	
QD1f. Other resources	(29)	(58)	(14)		

E. TRANSPORTATION

The next questions are about transportation in Minnesota.

			Freq	%
QE1.	How satisfied are you with the TIME it takes you to travel to the places you want to go . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied? (IF DK, PROBE "In general, how satisfied . . .")	Very satisfied . . 1	276	35
		Somewhat satisfied 2	376	47
		Not very satisfied 3	96	12
		Not at all satis . 4	49	6
		DK . . . 8	3	
		RA . . . 9	1	
QE2.	How satisfied are you with the CONDITION of Minnesota's major highway routes . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . . 1	189	24
		Somewhat satisfied 2	433	54
		Not very satisfied 3	131	16
		Not at all satis . 4	44	6
		DK . . . 8	2	
		RA . . . 9	0	
QE3.	How satisfied are you with snow and ice removal along major highway routes . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . . 1	390	49
		Somewhat satisfied 2	317	40
		Not very satisfied 3	74	9
		Not at all satis . 4	10	1
		DK . . . 8	8	
		RA . . . 9	1	
QE4.	How satisfied have you been when driving or riding through highway construction areas THIS PAST SUMMER in Minnesota . . . very satisfied, somewhat satisfied, not very satisfied, or not all satisfied?	Very satisfied . . 1	229	29
		Somewhat satisfied 2	380	50
		Not very satisfied 3	124	16
		Not at all satis . 4	44	6
		DK . . . 8	22	
		RA . . . 9	1	
QE5.	How satisfied are you with the activities related to ROAD CONSTRUCTION that are provided by the Minnesota Department of Transportation . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . . 1	186	25
		Somewhat satisfied 2	459	62
		Not very satisfied 3	79	11
		Not at all satis . 4	21	3
		DK . . . 8	52	
		RA . . . 9	3	
QE6.	How satisfied are you with the way the Minnesota Department of Transportation has been managing traffic along major highway routes . . . very satisfied, somewhat satisfied, not very satisfied or not at all satisfied?	Very satisfied . . 1	237	30
		Somewhat satisfied 2	409	52
		Not very satisfied 3	100	13
		Not at all satis . 4	33	4
		DK . . . 8	21	
		RA . . . 9	1	

		Freq	%
QE7. Considering everything that the Minnesota Department of Transportation does, how satisfied are you OVERALL with the service it provides . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . . 1	240	30
	Somewhat satisfied 2 (IF VERY OR SOMEWHAT, GO TO 8)	482	61
	Not very satisfied 3	57	7
	Not at all satis . 4	12	2
	DK . . . 8	8	
	RA . . . 9	1	

QE7aGRP. (IF NOT VERY OR NOT AT ALL SATISFIED) What is it about the service it provides that makes you dissatisfied?

SEE APPENDIX A, PAGES A-8 TO A-9

_____

_____

QE8. Generally speaking, how INTERESTED are you in becoming involved in future transportation project decisions in your area . . . very interested, somewhat interested, not very interested, or not at all interested?	Very interested. . 1	115	14
	Somewhat int . . . 2	294	37
	Not very int . . . 3	230	29
	Not at all int . . 4	158	20
	DK . . . 8	3	
	RA . . . 9	0	
QE9. Generally speaking, how satisfied are you with your OPPORTUNITY to be involved in transportation project decisions in your area . . . very satisfied, somewhat satisfied, not very satisfied, or not at satisfied?	Very satisfied . . 1	113	15
	Somewhat satisfied 2 (IF VERY OR SOMEWHAT, GO TO 10)	354	47
	Not very satisfied 3	187	25
	Not at all satis . 4	95	13
	DK . . . 8	47	
	RA . . . 9	5	

QE9a. (IF NOT VERY OR NOT AT ALL SATISFIED) How would you like to become more involved in the process?

SEE APPENDIX A, PAGE A-9

_____

_____

10. Now I have some questions about how to get information to you. I'm going to use a five point scale where a score of one means it is the BEST way to inform you and a score of five means it is the WORST way to inform you. Of course you may choose any number in between one and five.

How would you rate (READ LIST) as a way to inform YOU about opportunities for involvement in future transportation project decisions in your area?

		RATING	DK	RA	
QE10a.	Newspaper articles.	____	8	9	SEE APPENDIX B, PAGE B-3
QE10b.	Public notices in newspapers.	____	8	9	SEE APPENDIX B, PAGE B-3
QE10c.	Radio	____	8	9	SEE APPENDIX B, PAGE B-3
QE10d.	Television.	____	8	9	SEE APPENDIX B, PAGE B-4
QE10e.	Public meetings	____	8	9	SEE APPENDIX B, PAGE B-4
QE10f.	Newsletters	____	8	9	SEE APPENDIX B, PAGE B-4
QE10g.	the Internet.	____	8	9	SEE APPENDIX B, PAGE B-5

F. VOLUNTEERISM

Now we have a description of volunteer work, or working in some way to help others for no monetary pay. This would include the person who regularly helps an elderly neighbor as well as the person who volunteers at a nursing home. The work need not be done with an organization. Volunteer work would not include membership in a volunteer group if no work is actually done. Volunteer work, according to this definition, would include a broad range of activities -- for example, volunteering at a local hospital, room mother at a school, scout troop leader, usher at a church, collecting money for a charity, and so forth.

			Freq	%
QF1.	In the past six months have you volunteered your time to help at a school, for a nonprofit or government program, at your church or temple, in your neighborhood, or for a community group?	Yes. 1	507	63
		No 2	292	37
		DK . . . 8	1	
		RA . . . 9	0	

G. NONPROFITS

Nonprofit organizations provide social services, health services, education, and arts to the public. Under Minnesota law, nonprofit organizations have been free from paying sales or property taxes because their services benefit the public.

			Freq	%
QG1. Do you agree or disagree that nonprofit organizations should CONTINUE to be free from paying taxes... strongly agree, somewhat agree, somewhat disagree, or strongly disagree?	Strongly agree . .	1	474	60
	Somewhat agree . .	2	220	28
	Somewhat disagree.	3	71	9
	Strongly disagree.	4	29	4
	DK . . .	8	5	
	RA . . .	9	2	
QG2. Do you donate money or work in ANY way with a nonprofit organization, OTHER than a church?	Yes.	1	585	73
	No	2	215	27
	(IF NO, GO TO 3)			
	DK . . .	8	0	
	RA . . .	9	0	

2a. (IF YES) Are you a volunteer, a member, a donor, a paid staff person, or a board member, or do you do something else?

	YES 1	NO 2	DK 8	RA 9	NA .	
	333	232	18	2	215	Freq
QG2a-1. Volunteer	(59)	(41)				(%)
	128	438	18	2	215	
QG2a-2. Member.	(23)	(77)				
	290	275	18	2	215	
QG2a-3. Donor	(51)	(49)				
	50	515	18	2	215	
QG2a-4. Paid staff person	(9)	(91)				
	69	496	18	2	215	
QG2a-5. Board member.	(12)	(88)				
	12	553	18	2	215	
QG2a-6. Something else (SPECIFY).	(2)	(98)				

QG3. Many Minnesota nonprofit organizations receive SOME of their funds from government agencies, in the form of grants or fees for services.

		Freq	%
Thinking about your own giving, would you donate more, about the same amount, or less to an organization if you knew that it received some of its funds from government agencies?	More 1	69	9
	About the same . . 2	584	75
	Less 3	125	16
	DK . . . 8	20	
	RA . . . 9	2	

4. I'm going to read you a list of ten Minnesota nonprofit organizations. For each one, I'd like your best estimate of what percentage of the organization's INCOME comes from GOVERNMENT agencies?

(IF NEEDED) What percentage of (READ LIST)'s INCOME comes from GOVERNMENT agencies?

(PROBE IF DK: Just give me your best guess)

(IF NONE, ENTER ZERO)

		PERCENTAGE	DK	RA	
___	**QG4a.** the United Way	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-5**
___	**QG4b.** the Minnesota Orchestra	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-6**
___	**QG4c.** the YMCA	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-7**
___	**QG4d.** the Girl Scouts	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-8**
___	**QG4e.** the Urban League	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-9**
___	**QG4f.** Walker Art Center	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-10**
___	**QG4g.** Catholic Charities	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-11**
___	**QG4h.** Junior Achievement	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-12**
___	**QG4i.** the Science Museum of Minnesota	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-13**
___	**QG4j.** the Salvation Army	___ ___ ___	888	999	**SEE APPENDIX B, PAGE B-14**

RANDOM START G4: ___

H. UNIVERSITY OF MINNESOTA

Next, I have some general questions about the entire University of Minnesota system.

			Freq	%
QH1.	In judging the University of Minnesota as an educational institution, do you have a very favorable, favorable, unfavorable, or very unfavorable impression of the University?	Very favorable . . 1	223	29
		Favorable. 2	493	64
		Unfavorable. . . . 3	46	6
		Very unfavorable . 4	9	1
		DK . . . 8	28	
		RA . . . 9	1	
QH2.	When you think about the University of Minnesota and what it does, would you say that you are very familiar, somewhat familiar, not very familiar, or not at all familiar with the University's mission and programs?	Very familiar. . . 1	69	9
		Somewhat familiar. 2	416	52
		Not very familiar. 3	227	28
		Not at all fam . . 4	82	10
		DK . . . 8	6	
		RA . . . 9	0	
QH3.	OVERALL, how satisfied are you with the University of Minnesota . . . very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied, or are you neither satisfied nor dissatisfied?	Very satisfied . . 1	177	22
		Somewhat satisfied 2	322	41
		Somewhat dissat. . 3	57	7
		Very dissatisfied. 4	8	1
		Neither. 5	227	29
		DK . . . 8	10	
		RA . . . 9	0	

			Freq	%
QH4. Have you heard of the University of Minnesota Extension Service?	Yes.	1	581	73
	No	2	215	27
	(IF NO, GO TO 5)			
(INT: It is also known as Minnesota Extension Service or MES. Both count as "Yes" responses.)	DK . . .	8	3	
	RA . . .	9	1	

QH4aGRP. (IF YES) What programs or events does the University of Minnesota Extension Service offer in your community? (DO NOT PROBE DK RESPONSES)

SEE APPENDIX A, PAGES A-10 TO A-13

_____

_____

_____

			Freq	%
QH5. Do you have any ideas about programs or services you would LIKE the University of Minnesota to have in your community?	Yes.	1	152	20
	No	2	619	80
	(IF NO, GO TO NEXT SECTION)			
	DK . . .	8	29	
	RA . . .	9	1	

QH5aGRP. (IF YES) What programs or services would you like to have?

SEE APPENDIX A, PAGES A-14 TO A-16

_____

_____

_____

I. EMPLOYMENT

The next questions are about employment.

			Freq	%
QI1. Are you thinking SERIOUSLY about starting a new business, either alone or with someone else?	Yes	1	107	13
	No	2	693	87
	DK	8	0	
	RA	9	0	
QI2. Did you have a paying job last week?	Yes	1	611	76
	No	2	189	24
	DK	8	0	
	RA	9	0	
QI2a. (IF YES) Were you working full-time or part-time?	Full-time	1	499	82
	Part-time	2	113	18
	DK	8	0	
	RA	9	0	
	NA		189	

2b. (IF NO, DK, OR RA) Do you consider yourself retired, unemployed, a student, or a homemaker?

	YES	NO	DK	RA	NA	
	1	2	8	9	.	
QI2b-1. Retired	124 (68)	58 (32)	5	2	611	Freq (%)
QI2b-2. Unemployed	16 (8)	166 (92)	5	2	611	
QI2b-3. A student	13 (7)	169 (93)	5	2	611	
QI2b-4. A homemaker	48 (26)	134 (74)	5	2	611	

(IF NOT WORKING FULL-TIME OR PART-TIME, GO TO NEXT SECTION)

			Freq	%
QI3. Is your normal workplace at home?	Yes (IF YES, GO TO NEXT SECTION)	1	61	10
	No	2	550	90
	DK	8	0	
	RA	9	0	
	NA		189	

QI4. In a typical week, how many days Monday through Friday do you travel to and from work?

SEE APPENDIX B, PAGE B-14

(NOTE: ANSWER CANNOT BE MORE THAN 5 DAYS)

		Freq	%
QI5. How do you normally get to work . . . do you drive alone, car pool or van pool, take the bus, walk, bike, or get there some other way?	Drive alone. . . . 1	459	84
	Car/van pool . . . 2	47	8
	Take the bus . . . 3	17	3
	Walk 4	11	2
	Bike 5	4	1
_____ (SPECIFY OTHER HERE)	Other (SPECIFY). . 6	11	2
	DK . . . 8	1	
	RA . . . 9	0	
	NA	250	
QI6. Do you normally travel TO work between the hours of 6 am and 9 am?	Yes. 1	415	77
	No 2	127	23
	DK . . . 8	2	
	RA . . . 9	6	
	NA	250	
QI7. How many miles do you usually travel ONE-WAY to get to your normal workplace?	**SEE APPENDIX B, PAGE B-15** (IF ZERO, GO TO 8)		
QI7a. (IF ONE OR MORE) About how many MINUTES does it take you to get to your normal workplace each day?	**SEE APPENDIX B, PAGE B-16**		
QI7b. (IF ONE OR MORE) About how often can you PREDICT that trip time you just gave me? Please answer using a percentage from one to one hundred percent.	**SEE APPENDIX B, PAGE B-17**		
QI8. How satisfied are you with the TIME it takes you to travel TO work . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . . 1	367	67
	Somewhat satisfied 2	128	23
	Not very satisfied 3	36	6
	Not at all satis . 4	19	4
	DK . . . 8	0	
	RA . . . 9	0	
	NA	250	
QI9. Do you normally travel HOME from work between the hours of 3 pm and 6 pm?	Yes. 1	393	73
	No 2	148	27
	DK . . . 8	2	
	RA . . . 9	7	
	NA	250	

			Freq	%
QI10. How satisfied are you with the TIME it takes you to travel HOME from work . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . .	1	330	60
	Somewhat satisfied	2	152	28
	Not very satisfied	3	48	9
	Not at all satis .	4	20	4
	DK . . .	8	1	
	RA . . .	9	0	
	NA		250	
QI11. How satisfied are you with the TIME it takes you to travel for trips that are NOT related to work, such as running errands . . . very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?	Very satisfied . .	1	252	46
	Somewhat satisfied	2	258	47
	Not very satisfied	3	33	6
	Not at all satis .	4	6	1
	DK . . .	8	0	
	RA . . .	9	0	
	NA		250	
QI12. Do you work at home some days INSTEAD of commuting to your normal workplace?	Yes.	1	86	16
	No	2	459	84
	(IF NO, GO TO 13)			
	DK . . .	8	0	
	RA . . .	9	5	
	NA		250	

QI12a. (IF YES) On average, how many DAYS do you do this each week? **SEE APPENDIX B, PAGE B-17**

(IF ONE OR MORE, GO TO 12b)

(INTERVIEWER: ONLY FULL DAYS SHOULD BE COUNTED - NO PARTIAL DAYS)

QI12a-1. (IF LESS THAN ONE DAY EACH WEEK) On average, how many days do you do this each month? **SEE APPENDIX B, PAGE B-18**

12b. (IF YES) Why do you work at home . . . is it to avoid the trip to work, because you have been encouraged to work at home, because you have fewer distractions at home, because of your family situation, or for some other reason?

	YES	NO	DK	RA	NA	
	1	2	8	9	.	
	9	71	6	0	714	Freq
QI12b-1. To avoid the trip to work .	(12)	(88)				(%)
	5	75	6	0	714	
QI12b-2. Encouraged to work at home.	(6)	(94)				
	26	53	6	0	714	
QI12b-3. Fewer distractions at home.	(33)	(67)				
	17	63	6	0	714	
QI12b-4. Family situation.	(21)	(79)				
	43	37	6	0	714	
QI12b-5. Other reason (SPECIFY). . .	(53)	(47)				

12c. (IF YES) Do you use any of the following equipment when you work at home? (READ LIST)

	YES	NO	DK	RA	NA	
	1	2	8	9	.	
	57	30	0	0	714	Freq
QI12c-1. A computer.	(66)	(34)				(%)
	47	39	0	0	714	
QI12c-2. A modem	(54)	(46)				
QI12c-3. A fax machine, either in your computer or separate	22 (26)	64 (74)	0	0	714	
QI12c-4. ISDN or other high-speed data connection	8 (9)	77 (91)	1	0	714	

			Freq	%
QI13. Do you work at a satellite location some days INSTEAD of commuting to your normal workplace?	Yes.	1	42	8
	No	2	499	92
	(IF NO, GO TO 14)			
	DK . . .	8	4	
	RA . . .	9	6	
	NA		250	

QI13a. (IF YES) On average, how many DAYS do you do this each week? **SEE APPENDIX B, PAGE B-18**

(IF ONE OR MORE, GO TO 13b)

(INTERVIEWER: ONLY FULL DAYS SHOULD BE COUNTED - NO PARTIAL DAYS)

QI13a-1. (IF LESS THAN ONE DAY EACH WEEK) On average, how many days do you do this each month? **SEE APPENDIX B, PAGE B-18**

13b. (IF YES) Why do you work at a satellite location . . . is it to avoid the commute to your normal workplace, because you have been encouraged to work at a satellite location, because you have fewer distractions there, because of your family situation, or for some other reason?

	YES	NO	DK	RA	NA	
	1	2	8	9	.	
	2	37	3	0	758	Freq
QI13b-1. To avoid the commute. . . .	(5)	(95)				(%)
	23	17	3	0	758	
QI13b-2. Encouraged to work there. .	(58)	(42)				
	3	36	3	0	758	
QI13b-3. Fewer distractions there. .	(8)	(92)				
	3	37	3	0	758	
QI13b-4. Family situation.	(7)	(93)				
	11	28	3	0	758	
QI13b-5. Other reason (SPECIFY). . .	(29)	(71)				

(IF "YES" TO Q12 OR Q13, GO TO NEXT SECTION)

			Freq	%
QI14. In the last FIVE YEARS, have you worked from home or at a satellite work location at least one day a month, instead of commuting to your normal workplace?	Yes.	1	38	9
	No	2	394	91
	(IF NO, GO TO 15)			
	DK . . .	8	1	
	RA . . .	9	2	
	NA		366	

14a. (IF YES) Why are you NO LONGER working from home or at a satellite work location . . . is it because of your family situation, lack of equipment, employer resistance, your personal choice, or for some other reason?

		YES	NO	DK	RA	NA	
		1	2	8	9	.	
		2	33	3	0	762	Freq
QI14a-1.	Family situation.	(6)	(94)				(%)
		1	34	3	0	762	
QI14a-2.	Lack of equipment	(3)	(97)				
		5	30	3	0	762	
QI14a-3.	Employer resistance . . .	(15)	(85)				
		13	21	3	0	762	
QI14a-4.	Personal choice	(39)	(61)				
		16	19	3	0	762	
QI14a-5.	Other reason (SPECIFY). .	(46)	(54)				

QI15. In an IDEAL world, would you LIKE to work from home or at a satellite work location, at least some of the time, instead of commuting to your normal workplace?	Yes.	1	269	63
	No	2	159	37
	DK . . .	8	5	
	RA . . .	9	2	
	NA		366	

J. DRUNK DRIVING

The next few questions are about drunk driving.

			Freq	%
QJ1. Were you aware that, if a person shows visible signs of being unable to drive, they can be arrested for drunk driving, EVEN if their blood alcohol concentration is BELOW the legal limit of point one zero (.10)?	Yes, aware	1	303	38
	No, unaware. . . .	2	494	62
	DK . . .	8	3	
	RA . . .	9	0	
QJ2. A person's blood alcohol concentration is influenced by their gender, weight, and other factors. Were you aware that a woman weighing one hundred twenty pounds can have a blood alcohol concentration of point zero eight (.08) by drinking two glasses of wine in two hours?	Yes, aware	1	474	59
	No, unaware. . . .	2	325	41
	DK . . .	8	0	
	RA . . .	9	1	
QJ3. According to current Minnesota law, it is a crime to drive if a person has a blood alcohol concentration of point one zero (.10) OR if a person shows visible signs of being unable to drive. In your opinion, should the law stay as it is with a blood alcohol concentration of point one zero (.10), or should the law be changed to point zero eight (.08)?	Law stay as it is.	1	439	56
	Law should change.	2	346	44
	DK . . .	8	15	
	RA . . .	9	0	

L. DEMOGRAPHICS

Before ending this interview I have a few remaining background questions.

QL1. What county do you live in?

_____
(SPECIFY COUNTY HERE)

SEE APPENDIX B, PAGE B-19, FOR A COMPLETE COUNTY LIST

		Freq	%
Anoka	.02	50	6
Dakota	.19	61	8
Hennepin	.27	178	22
Olmsted	.55	29	4
Ramsey	.62	66	8
St. Louis	.69	31	4
Stearns	.73	20	2
Washington	.82	43	5
DK	.88	0	
RA	.99	0	

QL2. What is your zip code?

SEE APPENDIX B, PAGE B-20

QL3. Do you own or rent your residence?

_____
(SPECIFY OTHER HERE)

Own	1	650	82
Rent	2	138	17
Other (SPECIFY)	3	6	1
DK	8	0	
RA	9	6	

QL4. What kind of housing unit do you live in? (DO NOT READ LIST)

_____
(SPECIFY OTHER HERE)

(CODE 4-PLEX AND TRI-PLEX AS APARTMENT)

Single family detached	1	618	78
Townhouse	2	33	4
Duplex or 2-unit building	3	36	4
Apartment building	4	65	8
Mobile home	5	33	4
Condominium	6	9	1
Something else (SPECIFY)	7	0	
DK	8	0	
RA	9	6	

QL5. Are you married, single, divorced, separated, or widowed?

Married	1	518	66
Single	2	171	22
Divorced	3	56	7
Separated	4	3	0
Widowed	5	43	5
DK	8	0	
RA	9	9	

QL6. What year were you born?

SEE APPENDIX B, PAGE B-27

QL7. What is the highest level of school you have completed? (DO NOT READ LIST)

_____
(SPECIFY OTHER HERE)

		Freq	%
Less than high school	.01	15	2
Some high school. . .	.02	35	4
High school graduate.	.03	231	29
Some technical school	.04	25	3
Technical school grad	.05	52	7
Some college.	.06	188	24
College graduate. . .	.07	183	23
Post graduate or professional degree.	.08	69	9
Other (SPECIFY) . . .	.09	0	
DK . . .	.88	1	
RA . . .	.99	2	

QL8. What race do you consider yourself? (DO NOT READ LIST UNLESS NEEDED)

_____
(SPECIFY OTHER HERE)

		Freq	%
White/Caucasian	1	742	93
Mexican/Hispanic.	2	5	1
Black/African American.	3	16	2
American Indian	4	7	1
Oriental/Asian.	5	5	1
Mixed, no dominant racial identification. .	6	10	1
Other (SPECIFY)	7	13	2
DK . . .	8	1	
RA . . .	9	1	

QL9. Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or what?

_____
(SPECIFY OTHER HERE)

		Freq	%
Republican	1	224	29
Democrat	2	262	34
Independent. . . .	3	265	34
Other (SPECIFY). .	4	25	3
DK . . .	8	14	
RA . . .	9	9	

QL9a. (IF REPUBLICAN) Would you call yourself strong Republican or a not very strong epublican?

		Freq	%
Strong	1	94	44
Not very strong. .	2	121	56
DK . . .	8	8	
RA . . .	9	1	
NA		576	

QL9b. (IF DEMOCRAT) Would you call yourself a strong Democrat or a not very strong Democrat?

		Freq	%
Strong	1	122	48
Not very strong. .	2	135	52
DK . . .	8	4	
RA . . .	9	1	
NA		538	

QL9c. (IF INDEPENDENT, OTHER, DK, OR RA) Do you think of yourself as closer to the Republican or to the Democratic party?

		Freq	%
Republican	1	94	32
Democratic	2	93	32
Neither (VOL). . .	3	108	37
DK . . .	8	12	
RA . . .	9	7	
NA		487	

QL10. How many people are living in your household now INCLUDING YOURSELF? **SEE APPENDIX B, PAGE B-30**

(IF LIVE ALONE, GO TO 12)

QL10a. (IF MORE THAN ONE) How many of these are under 18? **SEE APPENDIX B, PAGE B-30**

(IF NONE, ENTER "00")

11. Now I'd like to know the employment status of the person in your household who contributed most to the household income in 1996.

		Freq	%
Is this person you or someone else in your household?	Respondent 1	380	54
	(IF RESPONDENT, GO TO 12)		
	Someone else . . . 2	315	45
	Someone no longer in household. . . 3	1	0
	(IF NOT IN HH, GO TO 12)		
	DK . . . 8	11	
	RA . . . 9	4	
	NA	90	
QL11a. (IF SOMEONE ELSE) Did this person have a paying job last week?	Yes. 1	274	87
	No 2	40	13
	DK . . . 8	1	
	RA . . . 9	0	
	NA	485	
QL11a-1 (IF YES) Were they working full-time or part-time?	Full-time. 1	257	94
	Part-time. 2	17	6
	DK . . . 8	0	
	RA . . . 9	0	
	NA	526	

a-2. (IF NO) Are they retired, unemployed, a student, or a homemaker?

	YES	NO	DK	RA	NA	
	1	2	8	9	.	
	35	2	3	1	760	Freq
QL11a-2a. Retired	(94)	(6)				(%)
	3	34	3	1	760	
QL11a-2b. Unemployed. . .	(8)	(92)				
	0	37	3	1	760	
QL11a-2c. A student . . .	(-)	(100)				
	0	37	3	1	760	
QL11a-2d. A homemaker . .	(-)	(100)				

			Freq	%
QL12. Was your total household income in 1996 above or below $35,000?	Above.	1	510	68
	Below.	2	236	32
	(IF BELOW, GO TO 12b)			
	DK . . .	8	19	
	RA . . .	9	34	
	(IF DK OR RA, GO TO 14)			
QL12a. (IF ABOVE) I am going to mention a number of income categories. When I come to the category which describes your total household income BEFORE taxes in 1996, please stop me.	35 to 40,000 . . .	.08	44	9
	40 to 50,000 . . .	.09	111	23
	50 to 60,000 . . .	.10	97	21
	60 to 70,000 . . .	.11	72	15
	70 to 80,000 . . .	.12	47	10
	80,000 or more . .	.13	103	22
	DK . . .	.88	12	
	RA . . .	.99	24	
	NA		290	
QL12b. (IF BELOW) I am going to mention a number of income categories. When I come to the category which describes your total household income BEFORE taxes in 1996, please stop me.	Under 5,000. . . .	.01	8	4
	5 to 10,000. . . .	.02	16	7
	10 to 15,000 . . .	.03	29	13
	15 to 20,000 . . .	.04	41	19
	20 to 25,000 . . .	.05	48	22
	25 to 30,000 . . .	.06	39	18
	30 to 35,000 . . .	.07	38	17
	DK . . .	.88	11	
	RA . . .	.99	7	
	NA		564	
QL13. This income figure you just gave me includes the income of everyone who was living in your household in 1996. Is that correct? (IF NO, REPEAT QUESTION 12)	Yes	1	713	100
	No	2	0	-
	DK . . .	8	15	
	RA . . .	9	19	
	NA		53	
QL14. How many persons in the household contributed earnings or income that was part of the total household income you gave me for 1996?	**SEE APPENDIX B, PAGE B-30**			
(ASK ONLY IF UNSURE)				
QL15. Respondent is	Male . .	1	372	46
	Female .	2	428	54

Thank you for answering all these questions. I really appreciate your time.

(IF A RESPONDENT ASKS FOR SURVEY RESULTS,
HAVE THEM CALL ROSSANA ARMSON COLLECT AT (612)-627-4282
DURING BUSINESS HOURS 9 AM TO 5 P.M.)

INTERVIEWER COMMENTS:

APPENDIX A

OPEN-ENDED RESPONSES

QA1 MOST IMPORTANT MN PROBLEM

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
TAXES	10000	38	4.7	5.0	5.0
Income	10100	13	1.6	1.7	6.8
Sales	10200	2	.3	.3	7.0
Property	10300	44	5.4	5.8	12.9
EDUCATION	20000	12	1.6	1.7	14.5
Quality of education	20100	21	2.7	2.8	17.3
Financing education	20200	19	2.3	2.5	19.8
Higher education	20300	2	.3	.3	20.1
ENVIRONMENT	30000	3	.3	.3	20.5
Pollution	30100	7	.8	.9	21.4
Water quality	30102	13	1.7	1.8	23.2
Air pollution	30103	4	.5	.6	23.7
Nuclear waste	30300	2	.3	.3	24.0
Weather	30600	12	1.6	1.7	25.6
ECONOMY	40000	36	4.5	4.8	30.5
Unemployment	40100	10	1.2	1.3	31.8
Quality jobs	40103	13	1.6	1.7	33.5
Wages	40104	34	4.3	4.6	38.1
Job skills	40105	1	.1	.1	38.2
Quantity of jobs	40106	11	1.4	1.5	39.7
Inflation/recession	40200	2	.3	.3	39.9
Savings/investments	40300	9	1.2	1.2	41.2
Corporate taxes	40403	2	.3	.3	41.5
Farm situation	40500	1	.1	.1	41.6
Crop prices	40502	1	.1	.1	41.7
Gambling-economic	40600	3	.3	.3	42.1
HEALTH CARE	50000	1	.1	.1	42.2
Cost of hlth care	50100	19	2.3	2.5	44.7
Qual of hlth care	50200	4	.5	.5	45.2
Avail of hlth care	50300	6	.8	.8	46.0
Elderly	50400	1	.1	.1	46.2
Nursing homes	50401	1	.1	.1	46.3
Mental health	50500	2	.2	.2	46.5
Disease	50600	1	.1	.1	46.6
Prevention	50700	2	.2	.2	46.9
Traffic	60100	3	.4	.4	47.3
Road construction	60200	3	.4	.4	47.7
Speed limit	60500	2	.2	.2	47.9
Drunk driving	60600	1	.1	.1	48.0
Mass transit	60700	3	.3	.3	48.3
Light rail transit	60701	1	.1	.1	48.4
HOUSING - cost	70100	2	.3	.3	48.7
Food - cost	80100	2	.3	.3	49.0
Food shelves	80300	1	.1	.1	49.1
GOVERNMENT	90000	12	1.6	1.7	50.8
Legislators	90200	7	.8	.9	51.7
Programs	90300	5	.6	.7	52.4
Funding	90400	3	.3	.3	52.7
Stadium issue	90700	22	2.7	2.9	55.6
WAR	100000	2	.2	.2	55.8

QA1 MOST IMPORTANT MN PROBLEM (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
CRIME	110000	78	9.7	10.4	66.2
Criminal justice sys	110100	3	.3	.3	66.6
Drug-related crime	110200	11	1.4	1.5	68.0
Crimes by youth	110300	9	1.2	1.2	69.2
Gangs	110400	22	2.7	2.9	72.1
Guns	110500	7	.9	1.0	73.1
SOCIAL ISSUES	130000	2	.2	.2	73.3
Abuse	130100	4	.5	.5	73.8
Welfare	130200	13	1.6	1.7	75.5
Welfare abuses	130201	9	1.1	1.2	76.7
Not enough welfare	130202	3	.4	.4	77.1
Abortion	130300	2	.3	.3	77.4
Discrimination	130400	9	1.2	1.2	78.6
Drugs	130500	15	1.9	2.0	80.6
Alcohol	130501	3	.3	.3	81.0
Other drug use	130502	2	.3	.3	81.3
Morality	130600	11	1.4	1.5	82.8
Religion	130601	7	.9	1.0	83.8
Immigration	130700	4	.5	.5	84.2
Poverty	130800	9	1.2	1.2	85.5
Homeless	131000	9	1.1	1.2	86.7
Gambling	131100	5	.6	.6	87.3
Population	131200	4	.5	.5	87.8
Urban sprawl	131300	4	.5	.5	88.3
FAMILY	140000	17	2.1	2.2	90.5
Daycare cost	140101	4	.5	.6	91.0
Daycare quality	140102	1	.1	.1	91.2
Daycare availability	140103	3	.3	.3	91.5
Child raising	140200	14	1.7	1.9	93.4
Divorce	140300	3	.3	.3	93.7
Youth problems	140500	9	1.1	1.2	94.9
OTHER	150000	38	4.8	5.1	100.0
DK	888888	44	5.4	Missing	
RA	999999	6	.8	Missing	
	Total	800	100.0	100.0	

Valid cases 750 Missing cases 50

Group QB1GRP MOST IMPORTANT ENVIR INFO/DATA, GROUPED

Category label	Code	Count	Pct of Responses	Pct of Cases
Water quality	1	199	16.5	31.5
Air pollution	2	85	7.0	13.4
Recycling	3	40	3.3	6.3
Business polluters	4	26	2.2	4.1
Lawn chemicals	5	6	.5	1.0
Waste disposal	6	12	1.0	1.9
Agriculture	7	32	2.6	5.0
Deformed frogs	8	7	.6	1.1
Recreation areas	9	95	7.9	15.1
Places to visit	10	18	1.5	2.8
Fishing	11	25	2.1	4.0
Hunting	12	20	1.7	3.2
BWCA	13	14	1.2	2.2
Wilderness preserv	14	8	.7	1.3
Wildlife	15	57	4.7	9.0
Wetlands	16	24	2.0	3.9
Forests	17	43	3.5	6.7
Policy decisions	18	27	2.2	4.3
Legislative updates	19	13	1.1	2.1
Envir laws	20	18	1.5	2.8
DNR info	21	21	1.7	3.3
Lottery money	22	9	.8	1.5
Envir cleanup	23	35	2.9	5.6
Protect resources	24	82	6.9	13.1
Envir threats	25	25	2.1	4.0
Natural resources	26	33	2.7	5.2
Vol opportunities	27	26	2.2	4.1
Envir groups	28	6	.5	.9
Pollution	29	9	.8	1.5
Gen envir info	30	9	.8	1.5
Person to person	31	16	1.3	2.6
Hazardous waste	32	5	.4	.7
Landfills	33	5	.4	.8
Other	77	101	8.4	16.0
Dont use Internet	87	51	4.3	8.1
Total responses		1201	100.0	190.7

170 missing cases; 630 valid cases

QB1A MOST IMPORTANT ENVIR INFO/DATA-1ST RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Water quality	1	124	15.6	19.8	19.8
Air pollution	2	30	3.7	4.7	24.4
Recycling	3	25	3.1	4.0	28.4
Business polluters	4	18	2.3	2.9	31.3
Waste disposal	6	4	.5	.6	31.9
Agriculture	7	9	1.2	1.5	33.3
Deformed frogs	8	2	.3	.3	33.7
Recreation areas	9	60	7.5	9.5	43.2
Places to visit	10	10	1.3	1.6	44.9
Fishing	11	8	1.0	1.3	46.2
Hunting	12	8	1.0	1.2	47.4
BWCA	13	6	.8	1.0	48.4
Wilderness preserv	14	5	.6	.7	49.1
Wildlife	15	20	2.5	3.2	52.3
Wetlands	16	8	1.0	1.2	53.6
Forests	17	15	1.8	2.3	55.9
Policy decisions	18	15	1.9	2.4	58.3
Legislative updates	19	2	.2	.2	58.5
Envir laws	20	9	1.1	1.4	59.9
DNR info	21	12	1.5	1.9	61.8
Lottery money	22	6	.7	.9	62.7
Envir cleanup	23	25	3.2	4.0	66.7
Protect resources	24	42	5.2	6.7	73.4
Envir threats	25	10	1.2	1.6	75.0
Natural resources	26	23	2.9	3.6	78.6
Vol opportunities	27	8	1.0	1.2	79.8
Envir groups	28	2	.3	.3	80.2
Pollution	29	8	1.0	1.2	81.4
Gen envir info	30	5	.6	.8	82.2
Person to person	31	9	1.1	1.4	83.6
Hazardous waste	32	1	.1	.2	83.8
Landfills	33	2	.2	.2	84.0
Other	77	49	6.2	7.8	91.9
Dont use Internet	87	51	6.4	8.1	100.0
DK	88	164	20.5	Missing	
RA	99	6	.7	Missing	
	Total	800	100.0	100.0	

Valid cases 630 Missing cases 170

QB1B MOST IMPORTANT ENVIR INFO/DATA-2ND RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Water quality	1	60	7.5	15.6	15.6
Air pollution	2	37	4.6	9.7	25.3
Recycling	3	11	1.4	3.0	28.3
Business polluters	4	5	.6	1.4	29.7
Lawn chemicals	5	3	.3	.7	30.3
Waste disposal	6	3	.4	.8	31.2
Agriculture	7	16	2.0	4.2	35.4
Deformed frogs	8	2	.3	.5	35.9
Recreation areas	9	26	3.2	6.8	42.7
Places to visit	10	2	.3	.5	43.3
Fishing	11	11	1.4	2.9	46.1
Hunting	12	6	.7	1.5	47.6
BWCA	13	5	.6	1.2	48.8
Wilderness preserv	14	3	.3	.7	49.5
Wildlife	15	26	3.2	6.8	56.3
Wetlands	16	11	1.4	3.0	59.3
Forests	17	19	2.4	5.0	64.4
Policy decisions	18	11	1.4	2.9	67.2
Legislative updates	19	9	1.1	2.3	69.5
Envir laws	20	5	.6	1.2	70.7
DNR info	21	5	.6	1.2	72.0
Lottery money	22	3	.3	.7	72.7
Envir cleanup	23	7	.9	1.9	74.6
Protect resources	24	33	4.1	8.6	83.1
Envir threats	25	10	1.3	2.7	85.9
Natural resources	26	6	.7	1.5	87.3
Vol opportunities	27	9	1.1	2.3	89.7
Pollution	29	2	.2	.4	90.1
Gen envir info	30	3	.4	.8	90.9
Person to person	31	3	.3	.7	91.6
Hazardous waste	32	4	.5	1.0	92.5
Landfills	33	1	.1	.3	92.8
Other	77	27	3.4	7.2	100.0
	.	170	21.3	Missing	
DK	88	249	31.1	Missing	
	Total	800	100.0	100.0	

Valid cases 381 Missing cases 419

QB1C MOST IMPORTANT ENVIR INFO/DATA-3RD RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Water quality	1	15	1.8	7.6	7.6
Air pollution	2	18	2.3	9.5	17.2
Recycling	3	4	.5	1.9	19.1
Business polluters	4	3	.3	1.4	20.4
Lawn chemicals	5	4	.5	1.9	22.3
Waste disposal	6	5	.6	2.7	25.1
Agriculture	7	6	.8	3.3	28.3
Deformed frogs	8	3	.3	1.4	29.7
Recreation areas	9	9	1.2	4.9	34.6
Places to visit	10	5	.6	2.7	37.3
Fishing	11	6	.8	3.3	40.6
Hunting	12	7	.8	3.5	44.1
BWCA	13	3	.4	1.6	45.8
Wilderness preserv	14	1	.1	.5	46.3
Wildlife	15	10	1.3	5.4	51.8
Wetlands	16	5	.6	2.7	54.5
Forests	17	9	1.1	4.6	59.1
Policy decisions	18	1	.1	.5	59.7
Legislative updates	19	3	.3	1.4	61.0
Envir laws	20	4	.5	2.2	63.2
DNR info	21	4	.5	2.2	65.4
Lottery money	22	1	.1	.5	65.9
Envir cleanup	23	3	.3	1.4	67.3
Protect resources	24	8	1.0	4.1	71.4
Envir threats	25	5	.6	2.7	74.1
Natural resources	26	4	.5	2.2	76.3
Vol opportunities	27	9	1.2	4.9	81.2
Envir groups	28	4	.5	1.9	83.1
Gen envir info	30	1	.1	.5	83.7
Person to person	31	5	.6	2.5	86.1
Landfills	33	3	.3	1.4	87.5
Other	77	24	3.0	12.5	100.0
	.	419	52.4	Missing	
DK	88	191	23.8	Missing	
	Total	800	100.0	100.0	

Valid cases 190 Missing cases 610

Group QE7AGRP WHAT MAKES YOU DISSATISFIED, GROUPED

Category label	Code	Count	Pct of Responses	Pct of Cases
Poor planning	1	14	15.4	20.6
Better transit	2	13	14.3	19.1
Waste tax dollars	3	18	20.0	26.7
Too much delay	4	12	13.7	18.3
Traffic congestion	5	5	5.1	6.9
Road conditions	6	10	10.9	14.5
Construction info	7	3	3.4	4.6
Other	77	16	17.1	22.9
Total responses		91	100.0	133.6

732 missing cases; 68 valid cases

QE7A1 WHAT MAKES YOU DISSATISFIED-1ST RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Poor planning	1	11	1.4	16.8	16.8
Better transit	2	8	1.0	12.2	29.0
Waste tax dollars	3	12	1.6	18.3	47.3
Too much delay	4	12	1.5	17.6	64.9
Traffic congestion	5	2	.3	3.1	67.9
Road conditions	6	6	.8	9.2	77.1
Construction info	7	3	.4	4.6	81.7
Other	77	12	1.6	18.3	100.0
	.	731	91.4	Missing	
DK	88	1	.1	Missing	
	Total	800	100.0	100.0	

Valid cases 68 Missing cases 732

QE7A2 WHAT MAKES YOU DISSATISFIED-2ND RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Poor planning	1	2	.3	11.1	11.1
Better transit	2	5	.6	25.0	36.1
Waste tax dollars	3	6	.7	30.6	66.7
Too much delay	4	1	.1	2.8	69.4
Road conditions	6	4	.5	19.4	88.9
Other	77	2	.3	11.1	100.0
	.	732	91.5	Missing	
DK	88	49	6.2	Missing	
	Total	800	100.0	100.0	

Valid cases 19 Missing cases 781

QE7A3 WHAT MAKES YOU DISSATISFIED-3RD RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Poor planning	1	1	.1	12.5	12.5
Traffic congestion	5	3	.3	62.5	75.0
Other	77	1	.1	25.0	100.0
	.	781	97.7	Missing	
DK	88	15	1.8	Missing	
	Total	800	100.0	100.0	

Valid cases 4 Missing cases 796

QE9A HOW WOULD YOU LIKE TO BE INVOLVED

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Info from people	100	3	.4	1.2	1.2
Public hearings	101	4	.5	1.6	2.8
Town meetings	102	14	1.7	5.4	8.1
Open forums	103	5	.6	1.8	9.9
Community info	104	6	.8	2.4	12.3
Talk or give info	105	7	.9	2.8	15.1
Phone calls	106	1	.1	.4	15.5
More involvement	107	13	1.6	5.0	20.4
More input	108	10	1.3	4.0	24.4
Surveys	109	8	1.0	3.0	27.4
Internet	110	3	.3	1.0	28.4
Info to people	200	3	.4	1.2	29.6
Mail info	201	10	1.3	4.0	33.5
Inform on decisions	202	25	3.2	9.7	43.3
Involved in decision	203	11	1.4	4.4	47.6
Educate people	204	3	.3	1.0	48.6
Construction info	206	6	.7	2.2	50.8
Public info	207	10	1.2	3.8	54.6
Voting	300	6	.8	2.4	56.9
Give/get info	400	3	.4	1.2	58.1
Dont want involvemt	1000	78	9.8	30.0	88.1
Other	7777	31	3.9	11.9	100.0
	.	518	64.7	Missing	
DK	8888	20	2.5	Missing	
RA	9999	1	.1	Missing	
	Total	800	100.0	100.0	

Valid cases 261 Missing cases 539

Group QH4AGRP MN EXT SVC PROGRAMS/EVENTS OFFER, GROUPED

Category label	Code	Count	Pct of Responses	Pct of Cases
Agricultural ext	1	72	14.8	21.7
Water testing	2	3	.5	.8
Forestry services	3	7	1.4	2.0
Pesticide training	4	5	1.1	1.6
Zoning officer	5	1	.2	.3
DNR	6	5	1.0	1.4
Tel help line	7	19	3.9	5.7
Gardening info	8	21	4.3	6.3
Horticulture info	9	17	3.4	5.0
Experiment station	10	2	.4	.6
Rosemont facility	11	4	.8	1.1
Classes	12	90	18.7	27.3
Continuing educ	13	4	.8	1.1
Internet classes	14	6	1.2	1.7
Scholarships	15	2	.4	.6
Workshops/seminar	16	5	1.1	1.6
Home extension	17	25	5.2	7.5
Food service	18	10	2.1	3.1
Child care	19	6	1.3	1.9
Home buying	20	3	.5	.8
Ext office	21	17	3.5	5.2
4-H programs	22	37	7.6	11.1
Small business	23	4	.8	1.1
Voc college	24	3	.6	.9
County fairs	25	1	.2	.3
Mail info	26	22	4.6	6.8
Newspapers	27	9	1.8	2.7
Dont offer programs	28	46	9.5	14.0
Health info	29	4	.9	1.3
Other	77	36	7.4	10.8
Total responses		483	100.0	146.3

470 missing cases; 330 valid cases

QH4A1 MN EXT SVC PROGRAMS/EVENTS OFFER-1ST RES

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Agricultural ext	1	52	6.5	15.7	15.7
Pesticide training	4	3	.4	.9	16.6
DNR	6	4	.5	1.1	17.7
Tel help line	7	7	.8	2.0	19.8
Gardening info	8	10	1.2	3.0	22.8
Horticulture info	9	8	1.0	2.4	25.1
Experiment station	10	1	.1	.3	25.4
Rosemont facility	11	3	.3	.8	26.2
Classes	12	80	10.0	24.2	50.4
Internet classes	14	5	.6	1.4	51.8
Scholarships	15	2	.3	.6	52.4
Workshops/seminar	16	2	.3	.6	53.1
Home extension	17	9	1.2	2.8	55.9
Food service	18	4	.5	1.1	57.0
Child care	19	4	.5	1.3	58.2
Home buying	20	2	.2	.5	58.7
Ext office	21	11	1.4	3.5	62.2
4-H programs	22	31	3.8	9.3	71.4
Small business	23	2	.3	.6	72.1
Voc college	24	3	.4	.9	73.0
Mail info	26	12	1.6	3.8	76.8
Newspapers	27	6	.7	1.7	78.5
Dont offer programs	28	46	5.7	13.8	92.3
Health info	29	2	.3	.6	92.9
Other	77	23	2.9	7.1	100.0
	.	219	27.3	Missing	
DK	88	251	31.4	Missing	
	Total	800	100.0	100.0	

Valid cases 330 Missing cases 470

QH4A2 MN EXT SVC PROGRAMS/EVENTS OFFER-2ND RES

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Agricultural ext	1	18	2.3	15.5	15.5
Water testing	2	2	.2	1.3	16.8
Forestry services	3	5	.6	4.0	20.8
Tel help line	7	8	1.0	7.1	27.9
Gardening info	8	9	1.2	8.0	35.8
Horticulture info	9	5	.6	4.4	40.3
Experiment station	10	1	.1	.9	41.2
Rosemont facility	11	1	.1	.9	42.0
Classes	12	8	1.0	6.6	48.7
Continuing educ	13	4	.5	3.1	51.8
Internet classes	14	1	.1	.9	52.7
Workshops/seminar	16	2	.3	1.8	54.4
Home extension	17	13	1.6	11.1	65.5
Food service	18	4	.5	3.5	69.0
Home buying	20	1	.1	.9	69.9
Ext office	21	6	.7	4.9	74.8
4-H programs	22	4	.5	3.5	78.3
Small business	23	2	.2	1.3	79.6
County fairs	25	1	.1	.9	80.5
Mail info	26	10	1.2	8.4	88.9
Newspapers	27	3	.3	2.2	91.2
Dont offer programs	28	1	.1	.4	91.6
Health info	29	1	.1	.9	92.5
Other	77	9	1.1	7.5	100.0
	.	470	58.7	Missing	
DK	88	213	26.6	Missing	
	Total	800	100.0	100.0	

Valid cases 117 Missing cases 683

QH4A3 MN EXT SVC PROGRAMS/EVENTS OFFER-3RD RES

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Agricultural ext	1	2	.2	4.3	4.3
Water testing	2	1	.1	2.9	7.2
Forestry services	3	2	.3	5.8	13.0
Pesticide training	4	2	.3	5.8	18.8
Zoning officer	5	1	.1	2.9	21.7
DNR	6	1	.1	2.9	24.6
Tel help line	7	4	.5	10.1	34.8
Gardening info	8	2	.2	4.3	39.1
Horticulture info	9	4	.5	10.1	49.3
Classes	12	3	.3	7.2	56.5
Workshops/seminar	16	1	.1	2.9	59.4
Home extension	17	3	.3	7.2	66.7
Food service	18	3	.3	7.2	73.9
Child care	19	2	.3	5.8	79.7
4-H programs	22	2	.3	5.8	85.5
Newspapers	27	1	.1	1.4	87.0
Health info	29	1	.1	2.9	89.9
Other	77	4	.5	10.1	100.0
	.	683	85.4	Missing	
DK	88	81	10.2	Missing	
	Total	800	100.0	100.0	

Valid cases 36 Missing cases 764

Group QH5AGRP U OF M PROGRAMS/SERVICES WANTED, GROUPED

Category label	Code	Count	Pct of Responses	Pct of Cases
Student programs	1	22	12.1	15.4
Gen ed programs	2	10	5.6	7.1
Ext classes	3	7	4.0	5.0
Adult education	4	4	2.3	2.9
Health classes	5	10	5.4	6.8
Computer courses	6	14	7.6	9.6
Horticult classes	7	5	2.5	3.2
Gardening classes	8	2	1.1	1.4
Agric classes	9	5	2.5	3.2
Forestry classes	10	4	2.0	2.5
Envir issues	11	6	3.4	4.3
Homemaking classes	12	4	2.0	2.5
Seniors classes	13	5	2.8	3.6
Finance classes	14	5	2.8	3.6
Business classes	15	2	1.1	1.4
Job training	16	5	2.8	3.6
Family issues	17	10	5.6	7.1
Day care services	18	1	.3	.4
Sports programs	19	2	1.1	1.4
Language classes	20	2	.8	1.1
Local classes	21	24	13.0	16.4
Research programs	22	2	.8	1.1
Other	77	33	18.1	22.9
Total responses		184	100.0	126.4

655 missing cases; 145 valid cases

QH5A1 U OF M PROGRAMS/SERVICES WANTED-1ST RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Student programs	1	21	2.7	14.6	14.6
Gen ed programs	2	6	.8	4.3	18.9
Ext classes	3	6	.8	4.3	23.2
Adult education	4	4	.5	2.9	26.1
Health classes	5	7	.8	4.6	30.7
Computer courses	6	12	1.6	8.6	39.3
Horticult classes	7	3	.4	2.1	41.4
Gardening classes	8	2	.2	1.1	42.5
Agric classes	9	3	.3	1.8	44.3
Forestry classes	10	1	.1	.7	45.0
Envir issues	11	5	.6	3.6	48.6
Homemaking classes	12	3	.3	1.8	50.4
Seniors classes	13	3	.3	1.8	52.1
Finance classes	14	3	.4	2.1	54.3
Business classes	15	2	.3	1.4	55.7
Job training	16	3	.4	2.1	57.9
Family issues	17	7	.9	5.0	62.9
Day care services	18	1	.1	.4	63.2
Sports programs	19	2	.3	1.4	64.6
Language classes	20	2	.2	1.1	65.7
Local classes	21	20	2.5	13.9	79.6
Research programs	22	1	.1	.7	80.4
Other	77	29	3.6	19.6	100.0
	.	648	81.0	Missing	
DK	88	7	.8	Missing	
	Total	800	100.0	100.0	

Valid cases 145 Missing cases 655

QH5A2 U OF M PROGRAMS/SERVICES WANTED-2ND RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Student programs	1	1	.1	1.7	1.7
Gen ed programs	2	4	.5	13.3	15.0
Ext classes	3	1	.1	3.3	18.3
Health classes	5	2	.3	6.7	25.0
Computer courses	6	1	.1	3.3	28.3
Horticult classes	7	2	.2	5.0	33.3
Gardening classes	8	1	.1	1.7	35.0
Agric classes	9	2	.3	6.7	41.7
Forestry classes	10	3	.3	8.3	50.0
Envir issues	11	1	.1	3.3	53.3
Homemaking classes	12	1	.1	3.3	56.7
Seniors classes	13	1	.1	3.3	60.0
Finance classes	14	2	.3	6.7	66.7
Job training	16	1	.1	3.3	70.0
Family issues	17	1	.1	1.7	71.7
Local classes	21	4	.5	11.7	83.3
Research programs	22	1	.1	1.7	85.0
Other	77	5	.6	15.0	100.0
	.	655	81.9	Missing	
DK	88	114	14.3	Missing	
	Total	800	100.0	100.0	

Valid cases 31 Missing cases 769

QH5A3 U OF M PROGRAMS/SERVICES WANTED-3RD RESP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Student programs	1	1	.1	7.1	7.1
Health classes	5	1	.1	14.3	21.4
Computer courses	6	1	.1	7.1	28.6
Seniors classes	13	2	.2	21.4	50.0
Job training	16	1	.1	14.3	64.3
Family issues	17	3	.3	35.7	100.0
	.	769	96.1	Missing	
DK	88	24	3.0	Missing	
	Total	800	100.0	100.0	

Valid cases 7 Missing cases 793

APPENDIX B

CONTINUOUS VARIABLES

QE10A BEST WAY TO INFORM YOU - NEWSPAPER ARTIC

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	203	25.4	25.6	25.6
	2	213	26.6	26.8	52.4
	3	217	27.1	27.3	79.8
	4	101	12.6	12.7	92.5
Worst way	5	60	7.5	7.5	100.0
DK	8	6	.8	Missing	
	Total	800	100.0	100.0	

Valid cases 794 Missing cases 6

QE10B BEST WAY TO INFORM YOU - NEWSPAPER NOTIC

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	153	19.1	19.3	19.3
	2	195	24.4	24.6	43.9
	3	187	23.3	23.5	67.4
	4	149	18.7	18.8	86.2
Worst way	5	109	13.7	13.8	100.0
DK	8	6	.8	Missing	
	Total	800	100.0	100.0	

Valid cases 794 Missing cases 6

QE10C BEST WAY TO INFORM YOU - RADIO

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	202	25.2	25.3	25.3
	2	249	31.2	31.3	56.6
	3	183	22.9	23.0	79.6
	4	92	11.5	11.5	91.1
Worst way	5	71	8.8	8.9	100.0
DK	8	4	.5	Missing	
	Total	800	100.0	100.0	

Valid cases 796 Missing cases 4

QE10D BEST WAY TO INFORM YOU - TELEVISION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	276	34.5	34.6	34.6
	2	202	25.3	25.3	60.0
	3	166	20.7	20.8	80.8
	4	89	11.1	11.1	91.9
Worst way	5	65	8.1	8.1	100.0
DK	8	2	.3	Missing	
	Total	800	100.0	100.0	

Valid cases 798 Missing cases 2

QE10E BEST WAY TO INFORM YOU - PUBLIC MEETINGS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	95	11.9	12.0	12.0
	2	153	19.1	19.4	31.4
	3	212	26.4	26.8	58.2
	4	184	22.9	23.3	81.5
Worst way	5	146	18.3	18.5	100.0
DK	8	11	1.4	Missing	
	Total	800	100.0	100.0	

Valid cases 789 Missing cases 11

QE10F BEST WAY TO INFORM YOU - NEWLETTERS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	221	27.6	27.8	27.8
	2	193	24.2	24.3	52.1
	3	219	27.3	27.5	79.6
	4	87	10.9	11.0	90.5
Worst way	5	75	9.4	9.5	100.0
DK	8	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 795 Missing cases 5

QE10G BEST WAY TO INFORM YOU - THE INTERNET

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Best way	1	89	11.1	11.7	11.7
	2	116	14.5	15.2	26.9
	3	163	20.3	21.4	48.3
	4	105	13.1	13.8	62.0
Worst way	5	289	36.2	38.0	100.0
DK	8	38	4.8	Missing	
	Total	800	100.0	100.0	

Valid cases 762 Missing cases 38

QG4A EST % OF UNITED WAY $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	129	16.1	17.2	17.2
	1	8	1.0	1.1	18.3
	2	3	.3	.3	18.7
	3	4	.5	.6	19.2
	5	20	2.5	2.6	21.9
	6	1	.1	.1	22.0
	7	1	.1	.1	22.1
	8	2	.3	.3	22.4
	10	87	10.8	11.5	34.0
	12	1	.1	.1	34.1
	13	1	.1	.1	34.2
	15	19	2.4	2.6	36.8
	20	76	9.5	10.2	47.0
	22	1	.1	.1	47.0
	23	1	.1	.1	47.2
	25	57	7.1	7.5	54.7
	30	70	8.7	9.3	64.0
	33	2	.3	.3	64.3
	35	10	1.2	1.3	65.6
	40	63	7.9	8.4	74.1
	42	2	.2	.2	74.3
	45	3	.3	.3	74.6
	50	88	11.0	11.7	86.3
	53	1	.1	.1	86.4
	55	2	.2	.2	86.6
	60	29	3.6	3.8	90.4
	65	3	.4	.4	90.8
	70	15	1.9	2.0	92.8
	75	17	2.1	2.3	95.1
	80	23	2.9	3.0	98.1
	85	1	.1	.1	98.2
	90	5	.6	.7	98.9
	99	1	.1	.1	99.0
	100	7	.9	1.0	100.0
DK	888	47	5.8	Missing	
RA	999	4	.5	Missing	
	Total	800	100.0	100.0	

Valid cases 750 Missing cases 50

QG4B EST % OF MN ORCHESTRA $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	71	8.8	9.6	9.6
	1	6	.7	.8	10.3
	2	6	.8	.8	11.2
	3	2	.3	.3	11.5
	4	1	.1	.1	11.5
	5	22	2.8	3.0	14.6
	7	2	.2	.2	14.8
	8	1	.1	.1	14.8
	10	121	15.1	16.4	31.2
	15	29	3.6	3.9	35.2
	18	1	.1	.1	35.3
	20	92	11.5	12.5	47.9
	22	2	.3	.3	48.1
	23	2	.2	.2	48.3
	25	61	7.6	8.2	56.6
	30	69	8.6	9.4	65.9
	32	4	.5	.5	66.4
	33	3	.4	.4	66.9
	34	1	.1	.1	67.0
	35	4	.5	.6	67.6
	40	50	6.3	6.8	74.4
	45	5	.6	.6	75.0
	48	1	.1	.1	75.1
	50	98	12.2	13.3	88.4
	58	1	.1	.1	88.5
	60	21	2.7	2.9	91.4
	65	3	.3	.4	91.8
	70	15	1.8	2.0	93.7
	75	21	2.7	2.9	96.6
	80	11	1.4	1.5	98.1
	85	1	.1	.1	98.2
	90	4	.5	.6	98.8
	95	1	.1	.1	98.9
	100	8	1.0	1.1	100.0
DK	888	59	7.3	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 737 Missing cases 63

QG4C EST % OF YMCA $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	93	11.7	12.5	12.5
	1	6	.7	.8	13.2
	2	4	.5	.5	13.7
	3	2	.2	.2	13.9
	4	1	.1	.1	14.1
	5	29	3.6	3.8	17.9
	8	3	.3	.3	18.2
	10	90	11.2	12.0	30.2
	15	27	3.4	3.7	33.9
	16	1	.1	.1	34.0
	17	2	.2	.2	34.2
	20	89	11.1	11.8	46.1
	25	55	6.9	7.4	53.5
	30	63	7.9	8.4	61.9
	33	1	.1	.1	62.0
	35	3	.3	.3	62.4
	40	54	6.7	7.2	69.6
	45	7	.8	.9	70.5
	50	110	13.8	14.8	85.2
	55	3	.4	.4	85.7
	60	29	3.6	3.9	89.5
	65	2	.2	.2	89.8
	70	22	2.8	3.0	92.7
	75	29	3.6	3.8	96.5
	79	5	.6	.7	97.2
	80	11	1.4	1.5	98.8
	90	6	.7	.8	99.5
	100	4	.5	.5	100.0
DK	888	47	5.8	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 749 Missing cases 51

QG4D EST % OF GIRL SCOUTS $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	176	22.0	23.6	23.6
	1	8	1.0	1.1	24.7
	2	4	.5	.5	25.2
	3	1	.1	.1	25.3
	4	1	.1	.1	25.5
	5	49	6.1	6.5	32.0
	7	2	.2	.2	32.2
	8	2	.3	.3	32.5
	10	116	14.5	15.6	48.1
	12	1	.1	.1	48.1
	15	21	2.7	2.9	51.0
	20	103	12.8	13.8	64.7
	25	68	8.5	9.1	73.9
	30	64	8.0	8.6	82.4
	33	1	.1	.1	82.5
	35	9	1.1	1.2	83.7
	40	31	3.8	4.1	87.8
	45	1	.1	.1	87.9
	50	46	5.8	6.2	94.1
	52	2	.3	.3	94.4
	55	1	.1	.1	94.4
	60	17	2.1	2.3	96.7
	65	5	.6	.6	97.4
	70	5	.6	.7	98.1
	75	6	.8	.8	98.9
	80	3	.4	.4	99.3
	85	1	.1	.1	99.4
	90	1	.1	.1	99.5
	100	4	.5	.5	100.0
DK	888	50	6.2	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 746 Missing cases 54

QG4E EST % OF URBAN LEAGUE $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	50	6.2	7.0	7.0
	1	4	.5	.6	7.6
	2	5	.6	.7	8.3
	3	4	.5	.5	8.8
	5	17	2.1	2.3	11.1
	8	3	.3	.4	11.5
	10	65	8.2	9.2	20.7
	12	1	.1	.1	20.9
	15	20	2.5	2.9	23.8
	17	2	.2	.2	24.0
	20	80	10.0	11.4	35.3
	22	2	.2	.2	35.6
	25	57	7.1	8.0	43.5
	30	58	7.2	8.1	51.7
	33	1	.1	.1	51.8
	35	6	.8	.9	52.6
	40	59	7.3	8.3	60.9
	45	6	.7	.8	61.7
	47	2	.3	.3	62.0
	50	139	17.4	19.7	81.7
	60	33	4.1	4.7	86.4
	65	2	.2	.2	86.7
	70	16	1.9	2.2	88.9
	75	28	3.5	4.0	92.8
	80	23	2.9	3.2	96.0
	85	1	.1	.1	96.2
	90	12	1.5	1.7	97.9
	100	15	1.9	2.1	100.0
DK	888	88	11.0	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 707 Missing cases 93

QG4F EST % OF WALKER ART CTR $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	36	4.5	4.9	4.9
	1	9	1.1	1.2	6.1
	2	3	.4	.4	6.5
	3	4	.5	.5	7.0
	5	22	2.8	3.0	10.0
	6	3	.3	.4	10.4
	7	1	.1	.1	10.5
	8	1	.1	.1	10.5
	10	91	11.3	12.4	22.9
	12	3	.3	.4	23.3
	15	22	2.8	3.0	26.3
	17	1	.1	.1	26.4
	20	83	10.4	11.3	37.7
	22	4	.5	.5	38.2
	23	2	.2	.2	38.4
	25	67	8.4	9.2	47.6
	27	1	.1	.1	47.7
	30	73	9.1	9.9	57.6
	33	1	.1	.1	57.7
	35	10	1.3	1.4	59.2
	40	59	7.3	8.0	67.1
	45	9	1.2	1.3	68.4
	50	123	15.4	16.8	85.2
	55	2	.2	.2	85.4
	60	29	3.6	4.0	89.4
	65	2	.2	.2	89.6
	70	20	2.5	2.8	92.4
	75	26	3.3	3.6	96.0
	80	15	1.9	2.0	98.0
	85	2	.2	.2	98.2
	90	5	.6	.6	98.9
	100	8	1.0	1.1	100.0
DK	888	62	7.7	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 734 Missing cases 66

QG4G EST % OF CATHOLIC CHAR $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	226	28.2	30.5	30.5
	1	7	.9	1.0	31.4
	2	3	.4	.4	31.9
	3	2	.2	.2	32.1
	4	2	.2	.2	32.3
	5	48	6.0	6.5	38.8
	6	2	.2	.2	39.0
	7	5	.6	.6	39.6
	8	1	.1	.1	39.8
	10	121	15.1	16.3	56.1
	15	21	2.6	2.8	58.9
	20	82	10.2	11.1	70.0
	25	47	5.8	6.3	76.3
	30	49	6.1	6.6	82.8
	33	2	.2	.2	83.1
	35	6	.7	.8	83.8
	40	35	4.4	4.8	88.6
	45	6	.8	.8	89.4
	50	42	5.2	5.7	95.1
	60	8	1.0	1.1	96.2
	65	3	.4	.4	96.6
	70	2	.2	.2	96.8
	75	3	.4	.4	97.3
	80	10	1.2	1.3	98.6
	85	1	.1	.1	98.7
	90	5	.6	.7	99.4
	100	4	.5	.6	100.0
DK	888	54	6.7	Missing	
RA	999	6	.7	Missing	
	Total	800	100.0	100.0	

Valid cases 740 Missing cases 60

QG4H EST % OF JR ACHIEVEMENT $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	61	7.6	8.4	8.4
	1	8	1.0	1.1	9.5
	2	1	.1	.1	9.5
	3	3	.3	.4	9.9
	4	1	.1	.1	10.0
	5	21	2.6	2.8	12.9
	6	2	.2	.2	13.1
	7	2	.2	.2	13.3
	8	1	.1	.1	13.5
	10	102	12.8	14.0	27.5
	12	1	.1	.1	27.6
	15	18	2.2	2.4	30.0
	20	90	11.3	12.4	42.4
	22	1	.1	.1	42.5
	23	1	.1	.1	42.6
	25	75	9.3	10.2	52.9
	30	65	8.2	9.0	61.9
	33	2	.2	.2	62.1
	35	7	.8	.9	63.0
	40	59	7.3	8.0	71.0
	45	4	.5	.6	71.6
	50	123	15.4	16.9	88.5
	60	24	3.0	3.3	91.8
	65	5	.6	.7	92.5
	70	9	1.1	1.2	93.7
	75	23	2.9	3.1	96.9
	77	1	.1	.1	96.9
	80	8	1.0	1.1	98.0
	85	1	.1	.1	98.1
	90	5	.6	.6	98.8
	95	1	.1	.1	98.9
	100	8	1.0	1.1	100.0
DK	888	67	8.4	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 728 Missing cases 72

QG4I EST % OF SCIENCE MUSEUM $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	18	2.2	2.4	2.4
	1	2	.3	.3	2.7
	2	2	.2	.2	2.9
	3	3	.3	.3	3.2
	4	1	.1	.1	3.3
	5	7	.9	1.0	4.3
	7	1	.1	.1	4.5
	8	2	.2	.2	4.7
	10	49	6.2	6.6	11.3
	15	26	3.3	3.6	14.9
	16	1	.1	.1	14.9
	17	1	.1	.1	15.0
	18	2	.3	.3	15.3
	20	83	10.4	11.2	26.5
	23	2	.2	.2	26.7
	25	50	6.2	6.7	33.4
	28	1	.1	.1	33.5
	30	86	10.8	11.6	45.1
	33	5	.6	.7	45.8
	35	10	1.3	1.4	47.2
	38	2	.3	.3	47.5
	40	50	6.3	6.8	54.2
	45	5	.6	.7	54.9
	50	137	17.1	18.4	73.3
	60	39	4.9	5.3	78.6
	61	1	.1	.1	78.7
	65	9	1.1	1.2	79.9
	66	2	.2	.2	80.1
	70	34	4.2	4.5	84.6
	75	43	5.4	5.8	90.4
	80	41	5.2	5.6	96.0
	85	3	.3	.3	96.4
	90	8	1.0	1.1	97.5
	95	2	.3	.3	97.8
	100	17	2.1	2.2	100.0
DK	888	52	6.5	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 743 Missing cases 57

QG4J EST % OF SALVATION ARMY $ IS FROM GOVT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	142	17.8	18.9	18.9
	1	8	1.0	1.1	20.0
	2	3	.4	.4	20.4
	3	5	.6	.6	21.1
	4	1	.1	.1	21.1
	5	28	3.5	3.7	24.9
	6	1	.1	.1	25.0
	8	2	.2	.2	25.2
	10	98	12.2	13.1	38.3
	15	21	2.6	2.8	41.0
	18	1	.1	.1	41.2
	20	72	9.0	9.6	50.8
	22	1	.1	.1	50.9
	23	1	.1	.1	51.0
	25	54	6.8	7.3	58.2
	26	2	.2	.2	58.4
	30	66	8.2	8.8	67.2
	35	9	1.1	1.2	68.4
	40	48	6.0	6.4	74.8
	45	4	.5	.6	75.3
	50	85	10.6	11.3	86.6
	60	27	3.4	3.7	90.3
	61	4	.5	.5	90.7
	65	1	.1	.1	90.9
	70	15	1.9	2.0	92.9
	75	22	2.8	3.0	95.9
	80	17	2.1	2.3	98.1
	85	4	.5	.5	98.6
	90	6	.8	.8	99.4
	95	1	.1	.1	99.6
	100	3	.4	.4	100.0
DK	888	45	5.6	Missing	
RA	999	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 751 Missing cases 49

QI4 DAYS TRAVEL TO/FROM WORK EACH WEEK

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	.3	.5	.5
	2	13	1.6	2.4	2.8
	3	34	4.3	6.3	9.1
	4	44	5.5	8.1	17.2
	5	453	56.6	82.8	100.0
	.	250	31.2	Missing	
DK	8	2	.3	Missing	
RA	9	1	.1	Missing	
	Total	800	100.0	100.0	

Valid cases 547 Missing cases 253

QI7 MILES ONE-WAY TO NORMAL WORKPLACE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
< 1 mile	0	3	.4	.6	.6
	1	49	6.2	9.0	9.6
	2	34	4.3	6.3	15.9
	3	33	4.1	6.1	22.0
	4	18	2.3	3.3	25.3
	5	48	6.0	8.9	34.2
	6	13	1.6	2.4	36.6
	7	27	3.4	5.0	41.5
	8	26	3.3	4.9	46.4
	9	8	1.0	1.4	47.8
	10	45	5.6	8.2	56.0
	11	7	.8	1.2	57.2
	12	31	3.8	5.6	62.9
	13	6	.8	1.1	64.0
	14	12	1.5	2.2	66.2
	15	33	4.1	6.0	72.2
	16	12	1.6	2.3	74.5
	17	3	.4	.6	75.0
	18	6	.8	1.1	76.2
	19	5	.6	.9	77.0
	20	24	3.0	4.5	81.5
	21	2	.3	.4	81.9
	22	4	.5	.8	82.7
	23	2	.2	.3	83.0
	24	2	.3	.4	83.3
	25	10	1.3	1.9	85.2
	26	4	.5	.8	86.0
	27	3	.4	.6	86.6
	28	3	.3	.5	87.0
	29	2	.2	.3	87.3
	30	12	1.5	2.2	89.5
	32	5	.6	.9	90.4
	33	2	.2	.3	90.7
	34	4	.5	.7	91.3
	35	13	1.7	2.5	93.8
	36	2	.3	.4	94.2
	38	1	.1	.2	94.4
	40	7	.8	1.2	95.6
	42	1	.1	.2	95.8
	45	5	.6	.9	96.7
	47	1	.1	.1	96.8
	48	1	.1	.2	97.0
	50	9	1.1	1.6	98.6
	52	1	.1	.2	98.8
	55	1	.1	.2	99.0
	60	1	.1	.2	99.1
	64	1	.1	.2	99.3
	65	1	.1	.2	99.5
	75	2	.2	.3	99.8
	850	1	.1	.2	100.0
	.	250	31.2	Missing	
DK	888	6	.7	Missing	
	Total	800	100.0	100.0	

Valid cases 544 Missing cases 256

QI7A MINUTES TO GET TO NORMAL WORKPLACE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.2	.3	.3
	2	5	.6	1.0	1.2
	3	12	1.5	2.2	3.4
	4	4	.5	.8	4.2
	5	40	5.1	7.4	11.6
	6	4	.5	.7	12.3
	7	16	2.0	3.0	15.3
	8	13	1.6	2.4	17.7
	10	83	10.4	15.4	33.0
	11	1	.1	.1	33.1
	12	10	1.3	1.9	35.0
	13	2	.3	.4	35.4
	14	1	.1	.2	35.6
	15	75	9.3	13.7	49.3
	16	1	.1	.1	49.4
	17	4	.5	.7	50.1
	18	4	.5	.8	50.9
	19	1	.1	.2	51.0
	20	77	9.6	14.1	65.2
	22	6	.8	1.1	66.3
	25	45	5.6	8.2	74.5
	27	1	.1	.2	74.7
	30	26	3.2	4.8	79.5
	34	2	.2	.3	79.8
	35	19	2.4	3.5	83.3
	36	1	.1	.2	83.5
	37	1	.1	.1	83.6
	40	23	2.9	4.3	87.9
	45	33	4.1	6.0	93.9
	50	7	.9	1.3	95.2
	55	3	.4	.6	95.8
	60	15	1.9	2.8	98.6
	65	3	.4	.6	99.1
	70	1	.1	.2	99.3
	75	2	.3	.4	99.7
	90	1	.1	.1	99.8
	840	1	.1	.2	100.0
	.	253	31.6	Missing	
DK	888	4	.5	Missing	
	Total	800	100.0	100.0	

Valid cases 543 Missing cases 257

QI7B HOW OFTEN CAN YOU PREDICT TRIP TIME

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.1	.2	.2
	20	2	.3	.4	.6
	25	2	.2	.3	.9
	30	2	.2	.3	1.1
	40	1	.1	.1	1.2
	50	27	3.4	5.0	6.2
	60	6	.7	1.1	7.3
	65	4	.5	.7	7.9
	70	13	1.6	2.4	10.3
	75	40	5.0	7.4	17.7
	80	79	9.9	14.5	32.2
	85	12	1.6	2.3	34.5
	90	118	14.7	21.7	56.3
	95	69	8.6	12.7	69.0
	96	1	.1	.2	69.2
	97	1	.1	.1	69.3
	98	14	1.7	2.6	71.9
	99	22	2.7	4.0	75.9
	100	131	16.3	24.1	100.0
	.	253	31.6	Missing	
DK	888	5	.6	Missing	
	Total	800	100.0	100.0	

Valid cases 542 Missing cases 258

QI12A DAYS WORK AT HOME PER WEEK

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
< 1 day/week	0	25	3.1	28.9	28.9
	1	28	3.5	32.5	61.4
	2	18	2.3	21.1	82.5
	3	4	.5	4.8	87.3
	4	3	.4	3.6	91.0
	5	5	.6	6.0	97.0
	7	3	.3	3.0	100.0
	.	714	89.2	Missing	
	Total	800	100.0	100.0	

Valid cases 86 Missing cases 714

QI12A1 DAYS WORK AT HOME PER MONTH

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	11	1.4	48.9	48.9
	2	8	1.0	33.3	82.2
	3	2	.3	8.9	91.1
	4	2	.3	8.9	100.0
	.	775	96.9	Missing	
DK	88	2	.2	Missing	
	Total	800	100.0	100.0	

Valid cases 23 Missing cases 777

QI13A DAYS PER WEEK AT SATELLITE LOCATION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
< 1 day/week	0	9	1.1	22.4	22.4
	1	9	1.1	22.4	44.7
	2	4	.5	10.5	55.3
	3	5	.6	11.8	67.1
	4	4	.5	10.5	77.6
	5	7	.8	17.1	94.7
	6	2	.3	5.3	100.0
	.	758	94.8	Missing	
DK	8	3	.3	Missing	
	Total	800	100.0	100.0	

Valid cases 39 Missing cases 761

QI13A1 DAYS PER MONTH AT SATELLITE LOCATION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
< 1 day/month	0	1	.1	5.9	5.9
	1	4	.5	47.1	52.9
	2	3	.4	35.3	88.2
	3	1	.1	11.8	100.0
	.	791	98.9	Missing	
	Total	800	100.0	100.0	

Valid cases 9 Missing cases 791

QL1 COUNTY OF RESIDENCE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
AITKIN	1	2	.3	.3	.3
ANOKA	2	50	6.2	6.2	6.5
BECKER	3	7	.9	.9	7.4
BELTRAMI	4	13	1.6	1.6	9.0
BENTON	5	7	.9	.9	9.9
BIG STONE	6	2	.3	.3	10.2
BLUE EARTH	7	7	.8	.8	11.0
BROWN	8	4	.5	.5	11.5
CARLTON	9	4	.5	.5	12.0
CARVER	10	13	1.7	1.7	13.7
CASS	11	6	.8	.8	14.5
CHIPPEWA	12	5	.6	.6	15.1
CHISAGO	13	5	.6	.6	15.7
CLAY	14	6	.7	.7	16.5
CLEARWATER	15	2	.3	.3	16.7
COOK	16	2	.2	.2	16.9
COTTONWOOD	17	2	.3	.3	17.2
CROW WING	18	5	.6	.6	17.8
DAKOTA	19	61	7.6	7.6	25.5
DODGE	20	4	.5	.5	26.0
DOUGLAS	21	4	.5	.5	26.4
FARIBAULT	22	1	.1	.1	26.6
FILLMORE	23	2	.3	.3	26.8
FREEBORN	24	6	.7	.7	27.5
GOODHUE	25	11	1.4	1.4	29.0
GRANT	26	1	.1	.1	29.1
HENNEPIN	27	178	22.2	22.2	51.3
HOUSTON	28	1	.1	.1	51.4
HUBBARD	29	3	.4	.4	51.8
ISANTI	30	5	.6	.6	52.4
ITASCA	31	7	.8	.8	53.2
JACKSON	32	3	.4	.4	53.6
KANABEC	33	3	.4	.4	54.0
KANDIYOHI	34	7	.9	.9	54.9
KITTSON	35	2	.2	.2	55.1
KOOCHICHING	36	2	.3	.3	55.3
LAKE	38	2	.3	.3	55.6
LK OF THE WOODS	39	2	.3	.3	55.9
LE SUEUR	40	7	.8	.8	56.7
LINCOLN	41	1	.1	.1	56.8
LYON	42	2	.2	.2	57.0
MCLEOD	43	10	1.2	1.2	58.3
MARSHALL	45	2	.3	.3	58.5
MARTIN	46	4	.5	.5	59.0
MEEKER	47	4	.5	.5	59.6
MILLE LACS	48	3	.3	.3	59.9
MORRISON	49	5	.6	.6	60.5
MOWER	50	8	1.0	1.0	61.5
MURRAY	51	1	.1	.1	61.6
NICOLLET	52	6	.7	.7	62.3

QL1 COUNTY OF RESIDENCE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
NOBLES	53	2	.3	.3	62.5
NORMAN	54	1	.1	.1	62.6
OLMSTED	55	29	3.6	3.6	66.2
OTTER TAIL	56	5	.6	.6	66.8
PENNINGTON	57	3	.3	.3	67.1
PINE	58	8	1.0	1.0	68.2
PIPESTONE	59	3	.3	.3	68.5
POLK	60	3	.3	.3	68.8
POPE	61	2	.3	.3	69.1
RAMSEY	62	66	8.2	8.2	77.3
REDWOOD	64	1	.1	.1	77.4
RENVILLE	65	2	.3	.3	77.7
RICE	66	7	.8	.8	78.5
ROCK	67	4	.5	.5	79.0
ROSEAU	68	4	.5	.5	79.5
ST. LOUIS	69	31	3.8	3.8	83.3
SCOTT	70	16	1.9	1.9	85.2
SHERBURNE	71	13	1.6	1.6	86.8
STEARNS	73	20	2.5	2.5	89.3
STEELE	74	4	.5	.5	89.8
STEVENS	75	1	.1	.1	89.9
TODD	77	4	.5	.5	90.3
TRAVERSE	78	2	.2	.2	90.5
WABASHA	79	3	.4	.4	90.9
WADENA	80	3	.4	.4	91.3
WASECA	81	2	.2	.2	91.5
WASHINGTON	82	43	5.3	5.3	96.8
WATONWAN	83	1	.1	.1	97.0
WILKIN	84	1	.1	.1	97.1
WINONA	85	6	.8	.8	97.9
WRIGHT	86	17	2.1	2.1	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

QL2 ZIPCODE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	55003	1	.1	.1	.1
	55005	2	.2	.2	.3
	55006	1	.1	.1	.4
	55007	1	.1	.1	.5
	55009	5	.6	.6	1.1
	55011	2	.2	.2	1.3
	55013	2	.3	.3	1.6
	55014	4	.5	.5	2.1
	55016	3	.4	.4	2.5
	55017	1	.1	.1	2.6

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	55021	5	.6	.6	3.2
	55024	3	.3	.3	3.5
	55025	5	.6	.7	4.2
	55027	2	.3	.3	4.4
	55033	5	.6	.7	5.1
	55038	2	.2	.2	5.3
	55040	1	.1	.1	5.4
	55041	1	.1	.1	5.5
	55042	2	.3	.3	5.8
	55043	2	.3	.3	6.1
	55044	5	.6	.7	6.7
	55045	2	.2	.2	6.9
	55051	1	.1	.1	7.0
	55056	1	.1	.1	7.2
	55060	4	.5	.5	7.6
	55063	4	.5	.5	8.1
	55065	1	.1	.1	8.2
	55066	2	.3	.3	8.5
	55068	5	.6	.6	9.1
	55071	6	.7	.7	9.8
	55072	1	.1	.1	9.9
	55073	1	.1	.1	10.1
	55075	2	.3	.3	10.3
	55076	2	.3	.3	10.6
	55077	1	.1	.1	10.6
	55080	1	.1	.1	10.8
	55082	7	.9	.9	11.7
	55087	1	.1	.1	11.8
	55092	1	.1	.1	11.9
	55101	1	.1	.1	12.0
	55102	1	.1	.1	12.1
	55104	3	.4	.4	12.5
	55105	13	1.7	1.7	14.2
	55106	9	1.1	1.1	15.3
	55108	1	.1	.1	15.5
	55109	4	.5	.5	15.9
	55110	9	1.2	1.2	17.1
	55112	7	.9	.9	18.0
	55113	4	.5	.5	18.5
	55115	1	.1	.1	18.7
	55116	4	.5	.5	19.1
	55117	4	.5	.5	19.6
	55118	4	.5	.5	20.2
	55119	3	.3	.3	20.5
	55120	5	.6	.6	21.1
	55122	8	1.0	1.0	22.1
	55123	4	.5	.5	22.6
	55124	6	.7	.7	23.3
	55125	6	.7	.7	24.0
	55126	5	.6	.6	24.6
	55127	2	.3	.3	24.9
	55128	3	.4	.4	25.3
	55129	1	.1	.1	25.4
	55301	1	.1	.1	25.5
	55302	3	.4	.4	25.9
	55303	11	1.4	1.4	27.3
	55304	6	.8	.8	28.1
	55306	4	.5	.5	28.5
	55308	1	.1	.1	28.7

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	55309	3	.3	.3	29.0
	55311	2	.3	.3	29.2
	55312	1	.1	.1	29.4
	55313	5	.6	.6	30.0
	55316	3	.4	.4	30.4
	55317	3	.4	.4	30.7
	55318	2	.2	.2	30.9
	55319	2	.2	.2	31.1
	55322	2	.2	.2	31.3
	55328	1	.1	.1	31.4
	55330	5	.6	.6	32.0
	55331	3	.3	.3	32.3
	55335	2	.2	.2	32.5
	55336	2	.2	.2	32.7
	55337	10	1.3	1.3	34.0
	55339	2	.2	.2	34.2
	55340	1	.1	.1	34.3
	55343	3	.4	.4	34.7
	55344	2	.2	.2	34.9
	55345	5	.6	.6	35.5
	55346	2	.3	.3	35.8
	55347	4	.5	.5	36.3
	55349	2	.2	.2	36.5
	55350	5	.6	.7	37.1
	55352	1	.1	.1	37.2
	55353	1	.1	.1	37.3
	55354	1	.1	.1	37.5
	55355	2	.3	.3	37.7
	55357	1	.1	.1	37.9
	55359	2	.3	.3	38.1
	55362	2	.2	.2	38.3
	55363	1	.1	.1	38.4
	55364	2	.2	.2	38.6
	55368	2	.2	.2	38.8
	55369	6	.7	.7	39.6
	55372	4	.5	.5	40.0
	55374	2	.3	.3	40.3
	55376	1	.1	.1	40.4
	55378	1	.1	.1	40.5
	55379	2	.3	.3	40.7
	55382	3	.3	.3	41.1
	55387	3	.3	.3	41.4
	55389	1	.1	.1	41.5
	55391	4	.5	.5	42.0
	55395	1	.1	.1	42.2
	55398	2	.2	.2	42.4
	55401	2	.2	.2	42.6
	55403	3	.3	.3	42.9
	55404	1	.1	.1	43.0
	55405	1	.1	.1	43.1
	55406	9	1.2	1.2	44.3
	55407	3	.4	.4	44.6
	55408	7	.9	.9	45.6
	55409	5	.6	.6	46.1
	55410	3	.3	.3	46.5
	55411	2	.3	.3	46.7
	55412	3	.4	.4	47.1
	55413	2	.2	.2	47.3
	55414	7	.8	.8	48.2

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	55416	5	.6	.6	48.8
	55417	2	.3	.3	49.0
	55418	10	1.3	1.3	50.3
	55419	1	.1	.1	50.5
	55420	3	.4	.4	50.8
	55421	2	.3	.3	51.1
	55422	6	.8	.8	51.9
	55423	6	.8	.8	52.7
	55424	1	.1	.1	52.8
	55426	5	.6	.6	53.4
	55427	1	.1	.1	53.5
	55428	4	.5	.5	54.0
	55429	5	.6	.7	54.6
	55430	4	.5	.5	55.1
	55431	2	.3	.3	55.4
	55432	5	.6	.7	56.0
	55433	7	.9	.9	56.9
	55434	2	.2	.2	57.1
	55435	1	.1	.1	57.2
	55436	5	.6	.6	57.8
	55437	5	.6	.7	58.5
	55438	4	.5	.5	58.9
	55441	4	.5	.5	59.5
	55442	1	.1	.1	59.6
	55443	6	.7	.7	60.3
	55444	4	.5	.5	60.8
	55445	1	.1	.1	61.0
	55446	1	.1	.1	61.1
	55447	5	.6	.7	61.7
	55448	6	.8	.8	62.5
	55449	1	.1	.1	62.7
	55455	1	.1	.1	62.7
	55604	1	.1	.1	62.8
	55605	1	.1	.1	62.9
	55614	1	.1	.1	63.0
	55616	2	.2	.2	63.2
	55651	1	.1	.1	63.3
	55692	1	.1	.1	63.4
	55709	2	.2	.2	63.6
	55710	1	.1	.1	63.8
	55712	1	.1	.1	63.9
	55720	2	.2	.2	64.1
	55721	1	.1	.1	64.2
	55726	1	.1	.1	64.3
	55734	1	.1	.1	64.4
	55736	1	.1	.1	64.5
	55744	3	.3	.3	64.8
	55746	3	.4	.4	65.2
	55750	1	.1	.1	65.3
	55757	1	.1	.1	65.4
	55760	1	.1	.1	65.5
	55765	1	.1	.1	65.7
	55769	1	.1	.1	65.7
	55775	1	.1	.1	65.9
	55783	1	.1	.1	66.0
	55792	3	.4	.4	66.4
	55795	1	.1	.1	66.5
	55797	1	.1	.1	66.6
	55803	3	.4	.4	67.0

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	55804	5	.6	.6	67.6
	55805	1	.1	.1	67.7
	55806	4	.5	.5	68.1
	55807	1	.1	.1	68.2
	55808	1	.1	.1	68.3
	55810	2	.2	.2	68.5
	55811	4	.5	.5	69.1
	55812	1	.1	.1	69.2
	55901	7	.9	.9	70.1
	55902	2	.3	.3	70.4
	55904	5	.6	.7	71.0
	55906	6	.7	.7	71.7
	55909	2	.2	.2	71.9
	55910	1	.1	.1	72.0
	55912	5	.6	.6	72.6
	55920	3	.3	.3	72.9
	55925	1	.1	.1	73.0
	55929	1	.1	.1	73.2
	55932	1	.1	.1	73.3
	55934	1	.1	.1	73.4
	55936	1	.1	.1	73.5
	55940	3	.3	.3	73.8
	55946	1	.1	.1	74.0
	55951	2	.2	.2	74.2
	55955	2	.2	.2	74.3
	55960	1	.1	.1	74.4
	55962	2	.2	.2	74.6
	55964	1	.1	.1	74.7
	55970	1	.1	.1	74.9
	55974	1	.1	.1	74.9
	55975	1	.1	.1	75.0
	55976	2	.3	.3	75.3
	55987	4	.5	.5	75.8
	55992	2	.2	.2	76.0
	56001	4	.5	.5	76.5
	56002	1	.1	.1	76.6
	56007	2	.2	.2	76.8
	56009	2	.2	.2	77.0
	56010	1	.1	.1	77.1
	56011	5	.6	.6	77.7
	56017	1	.1	.1	77.7
	56024	1	.1	.1	77.8
	56031	4	.5	.5	78.3
	56037	1	.1	.1	78.5
	56041	1	.1	.1	78.6
	56045	1	.1	.1	78.7
	56050	1	.1	.1	78.8
	56054	1	.1	.1	78.9
	56057	1	.1	.1	79.0
	56058	2	.3	.3	79.3
	56062	1	.1	.1	79.4
	56068	1	.1	.1	79.6
	56069	1	.1	.1	79.7
	56071	5	.6	.7	80.4
	56072	1	.1	.1	80.4
	56073	1	.1	.1	80.5
	56082	3	.4	.4	80.9
	56084	1	.1	.1	81.0
	56085	1	.1	.1	81.1

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	56093	1	.1	.1	81.3
	56101	1	.1	.1	81.4
	56131	1	.1	.1	81.5
	56137	2	.3	.3	81.7
	56145	1	.1	.1	81.9
	56150	1	.1	.1	82.0
	56156	4	.5	.5	82.4
	56164	2	.2	.2	82.6
	56172	1	.1	.1	82.7
	56178	1	.1	.1	82.8
	56187	2	.2	.2	83.0
	56201	3	.4	.4	83.4
	56222	1	.1	.1	83.5
	56225	1	.1	.1	83.6
	56243	2	.3	.3	83.9
	56253	1	.1	.1	84.0
	56258	2	.2	.2	84.2
	56265	5	.6	.6	84.8
	56267	1	.1	.1	84.9
	56273	2	.3	.3	85.2
	56277	1	.1	.1	85.3
	56278	1	.1	.1	85.4
	56284	1	.1	.1	85.6
	56288	1	.1	.1	85.7
	56292	1	.1	.1	85.8
	56296	2	.2	.2	86.0
	56301	6	.8	.8	86.8
	56303	4	.5	.5	87.3
	56304	2	.3	.3	87.6
	56308	2	.3	.3	87.9
	56309	1	.1	.1	88.0
	56312	1	.1	.1	88.1
	56314	2	.2	.2	88.3
	56315	1	.1	.1	88.4
	56320	1	.1	.1	88.4
	56329	1	.1	.1	88.6
	56330	1	.1	.1	88.7
	56332	1	.1	.1	88.8
	56334	1	.1	.1	88.9
	56347	2	.2	.2	89.1
	56357	1	.1	.1	89.2
	56358	1	.1	.1	89.4
	56359	1	.1	.1	89.4
	56362	1	.1	.1	89.6
	56364	1	.1	.1	89.7
	56367	4	.5	.5	90.1
	56369	1	.1	.1	90.3
	56371	1	.1	.1	90.4
	56373	1	.1	.1	90.5
	56374	1	.1	.1	90.7
	56377	2	.2	.2	90.9
	56379	1	.1	.1	91.0
	56381	1	.1	.1	91.1
	56387	1	.1	.1	91.1
	56388	1	.1	.1	91.3
	56401	2	.2	.2	91.4
	56425	1	.1	.1	91.6
	56431	2	.3	.3	91.8
	56438	1	.1	.1	92.0

QL2 ZIPCODE (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	56455	2	.2	.2	92.2
	56466	1	.1	.1	92.3
	56467	1	.1	.1	92.4
	56468	1	.1	.1	92.6
	56470	2	.3	.3	92.8
	56474	2	.3	.3	93.1
	56481	2	.3	.3	93.3
	56482	1	.1	.1	93.5
	56484	2	.2	.2	93.7
	56501	3	.3	.3	94.0
	56502	1	.1	.1	94.1
	56514	1	.1	.1	94.3
	56520	1	.1	.1	94.4
	56523	1	.1	.1	94.5
	56529	2	.2	.2	94.6
	56537	2	.3	.3	94.9
	56540	1	.1	.1	95.0
	56545	1	.1	.1	95.0
	56546	1	.1	.1	95.2
	56549	1	.1	.1	95.2
	56554	2	.2	.2	95.4
	56560	2	.2	.2	95.6
	56570	1	.1	.1	95.8
	56573	2	.3	.3	96.0
	56586	1	.1	.1	96.1
	56601	8	1.0	1.0	97.1
	56621	1	.1	.1	97.3
	56623	2	.3	.3	97.5
	56636	1	.1	.1	97.7
	56649	2	.3	.3	97.9
	56652	1	.1	.1	98.0
	56670	1	.1	.1	98.2
	56678	3	.3	.3	98.5
	56701	3	.3	.3	98.8
	56716	1	.1	.1	99.0
	56721	1	.1	.1	99.0
	56726	1	.1	.1	99.2
	56727	1	.1	.1	99.3
	56728	1	.1	.1	99.3
	56732	1	.1	.1	99.5
	56738	1	.1	.1	99.5
	56744	1	.1	.1	99.7
	56751	2	.2	.2	99.9
	56763	1	.1	.1	100.0
DK	88888	3	.4	Missing	
RA	99999	3	.3	Missing	
	Total	800	100.0	100.0	

Valid cases 794 Missing cases 6

QL6 YEAR BORN

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1901	1	.1	.1	.1
	1904	1	.1	.1	.2
	1906	1	.1	.1	.3
	1911	3	.4	.4	.7
	1912	3	.3	.3	1.0
	1913	3	.4	.4	1.4
	1914	1	.1	.1	1.5
	1915	4	.5	.5	2.0
	1916	3	.4	.4	2.4
	1917	2	.2	.2	2.6
	1918	2	.2	.2	2.8
	1919	5	.6	.7	3.4
	1920	6	.7	.7	4.2
	1921	5	.6	.6	4.7
	1922	6	.8	.8	5.5
	1923	4	.5	.5	6.1
	1924	7	.8	.9	6.9
	1925	7	.9	.9	7.8
	1926	11	1.4	1.4	9.3
	1927	5	.6	.7	9.9
	1928	7	.9	.9	10.9
	1929	6	.7	.7	11.6
	1930	6	.8	.8	12.4
	1931	6	.7	.7	13.1
	1932	9	1.1	1.1	14.2
	1933	7	.9	.9	15.2
	1934	7	.9	.9	16.1
	1935	8	1.0	1.1	17.1
	1936	8	1.0	1.1	18.2
	1937	3	.4	.4	18.6
	1938	9	1.1	1.1	19.7
	1939	7	.9	.9	20.6
	1940	12	1.6	1.6	22.2
	1941	12	1.6	1.6	23.8
	1942	12	1.5	1.5	25.3
	1943	9	1.2	1.2	26.5
	1944	12	1.5	1.5	28.0
	1945	18	2.2	2.2	30.2
	1946	12	1.6	1.6	31.8
	1947	9	1.1	1.1	32.9
	1948	18	2.2	2.2	35.2
	1949	19	2.3	2.4	37.5
	1950	21	2.7	2.7	40.3
	1951	25	3.1	3.2	43.4
	1952	24	3.0	3.1	46.5
	1953	8	1.0	1.1	47.6
	1954	26	3.3	3.4	50.9
	1955	27	3.4	3.5	54.4
	1956	16	2.0	2.0	56.5
	1957	22	2.8	2.8	59.3
	1958	17	2.1	2.1	61.4
	1959	28	3.5	3.6	65.0
	1960	21	2.6	2.6	67.6
	1961	26	3.2	3.3	70.9
	1962	17	2.1	2.2	73.1
	1963	19	2.4	2.4	75.5
	1964	19	2.4	2.4	77.9
	1965	20	2.5	2.5	80.4
	1966	10	1.3	1.3	81.8

QL6 YEAR BORN (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1967	12	1.5	1.5	83.3
	1968	11	1.4	1.4	84.7
	1969	19	2.4	2.4	87.2
	1970	8	1.0	1.0	88.1
	1971	9	1.2	1.2	89.3
	1972	10	1.3	1.3	90.6
	1973	4	.5	.5	91.2
	1974	11	1.4	1.4	92.6
	1975	10	1.2	1.3	93.9
	1976	13	1.7	1.7	95.6
	1977	15	1.9	1.9	97.5
	1978	6	.7	.7	98.2
	1979	14	1.7	1.8	100.0
DK	8888	2	.3	Missing	
RA	9999	11	1.4	Missing	
	Total	800	100.0	100.0	

Valid cases 787 Missing cases 13

AGE AGE OF RESPONDENT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	18	14	1.7	1.8	1.8
	19	6	.7	.7	2.5
	20	15	1.9	1.9	4.4
	21	13	1.7	1.7	6.1
	22	10	1.2	1.3	7.4
	23	11	1.4	1.4	8.8
	24	4	.5	.5	9.4
	25	10	1.3	1.3	10.7
	26	9	1.2	1.2	11.9
	27	8	1.0	1.0	12.8
	28	19	2.4	2.4	15.3
	29	11	1.4	1.4	16.7
	30	12	1.5	1.5	18.2
	31	10	1.3	1.3	19.6
	32	20	2.5	2.5	22.1
	33	19	2.4	2.4	24.5
	34	19	2.4	2.4	26.9
	35	17	2.1	2.2	29.1
	36	26	3.2	3.3	32.4
	37	21	2.6	2.6	35.0
	38	28	3.5	3.6	38.6
	39	17	2.1	2.1	40.7
	40	22	2.8	2.8	43.5
	41	16	2.0	2.0	45.6
	42	27	3.4	3.5	49.1
	43	26	3.3	3.4	52.4
	44	8	1.0	1.1	53.5
	45	24	3.0	3.1	56.6
	46	25	3.1	3.2	59.7
	47	21	2.7	2.7	62.5
	48	19	2.3	2.4	64.8
	49	18	2.2	2.2	67.1

AGE **AGE OF RESPONDENT** (continued)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	50	9	1.1	1.1	68.2
	51	12	1.6	1.6	69.8
	52	18	2.2	2.2	72.0
	53	12	1.5	1.5	73.5
	54	9	1.2	1.2	74.7
	55	12	1.5	1.5	76.2
	56	12	1.6	1.6	77.8
	57	12	1.6	1.6	79.4
	58	7	.9	.9	80.3
	59	9	1.1	1.1	81.4
	60	3	.4	.4	81.8
	61	8	1.0	1.1	82.9
	62	8	1.0	1.1	83.9
	63	7	.9	.9	84.8
	64	7	.9	.9	85.8
	65	9	1.1	1.1	86.9
	66	6	.7	.7	87.6
	67	6	.8	.8	88.4
	68	6	.7	.7	89.1
	69	7	.9	.9	90.1
	70	5	.6	.7	90.7
	71	11	1.4	1.4	92.2
	72	7	.9	.9	93.1
	73	7	.8	.9	93.9
	74	4	.5	.5	94.5
	75	6	.8	.8	95.3
	76	5	.6	.6	95.8
	77	6	.7	.7	96.6
	78	5	.6	.7	97.2
	79	2	.2	.2	97.4
	80	2	.2	.2	97.6
	81	3	.4	.4	98.0
	82	4	.5	.5	98.5
	83	1	.1	.1	98.6
	84	3	.4	.4	99.0
	85	3	.3	.3	99.3
	86	3	.4	.4	99.7
	91	1	.1	.1	99.8
	93	1	.1	.1	99.9
	96	1	.1	.1	100.0
	99	13	1.6	Missing	
	Total	800	100.0	100.0	

Valid cases 787 Missing cases 13

QL10 NUMBER OF PEOPLE LIVING IN HOUSEHOLD

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	88	11.0	11.0	11.0
	2	252	31.6	31.6	42.6
	3	166	20.7	20.8	63.4
	4	152	19.1	19.1	82.5
	5	96	12.0	12.0	94.5
	6	24	3.0	3.1	97.5
	7	8	1.0	1.0	98.6
	8	7	.8	.8	99.4
	9	5	.6	.6	100.0
RA	99	2	.2	Missing	
	Total	800	100.0	100.0	

Valid cases 798 Missing cases 2

QL10A NUMBER OF PEOPLE IN HH UNDER 18

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	338	42.2	47.5	47.5
	1	153	19.1	21.5	69.0
	2	149	18.7	21.0	90.0
	3	52	6.5	7.4	97.4
	4	12	1.5	1.7	99.1
	5	5	.6	.7	99.7
	6	2	.3	.3	100.0
	.	89	11.1	Missing	
	Total	800	100.0	100.0	

Valid cases 711 Missing cases 89

QL14 NUMBER OF PEOPLE CONTRIBUTED TO HH INCOM

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	217	27.1	28.1	28.1
	2	496	62.0	64.3	92.4
	3	48	6.0	6.2	98.6
	4	7	.9	.9	99.5
	7	4	.5	.5	100.0
DK	88	10	1.2	Missing	
RA	99	19	2.3	Missing	
	Total	800	100.0	100.0	

Valid cases 771 Missing cases 29

APPENDIX C

DEFINITIONS OF CONSTRUCTED VARIABLES

Certain variables have been constructed for the convenience of the user, and to aid interpretations of the variables used in this survey to summarize multi-variable composites, such as the respondent's employment status or household size. In this Appendix, the variables are operationally defined, and the SPSS-PC statements are presented which were used to construct each variable. The distributions for these variables are presented in Chapter 2 of this report.

AGE Age of respondent in years (uncollapsed). This variable was constructed by subtracting the respondent's year of birth from 1997. Those who refused to give their year of birth were assigned a value of 99 and defined as missing.

```
COMPUTE AGE = 1997 - QL6.
IF (QL6 = 8888 OR QL6 = 9999)AGE = 99.
MISSING VALUES AGE (99).
VARIABLE LABELS AGE 'AGE OF RESPONDENT'.
FORMAT AGE (F2.0).
```

AGEMD Age of respondent in years, collapsed into 6 midpoint categories. This variable recodes AGE so that 18 through 24 year olds are in group 1, 25 through 34 year olds are in group 2, 35 through 44 year olds are in group 3, 45 through 54 year olds are in group 4, 55 through 64 year olds are in group 5, and those 65 and older are in group 6. Those refusing to give their ages were assigned to category 99.

```
COMPUTE AGEMD=AGE.
RECODE AGEMD(LO THRU 24=1) (25 THRU 34=2) (35 THRU 44=3) (45 THRU 54=4)
          (55 THRU 64=5) (65 THRU 98=6) (SYSMIS=99).
MISSING VALUES AGEMD(99).
VARIABLE LABELS AGEMD 'AGE OF RESPONDENT, GROUPED'.
VALUE LABELS AGEMD 1 '18 - 24' 2 '25 - 34' 3 '35 - 44' 4 '45 - 54'
                   5 '55 - 64' 6 '65 AND OLDER'.
FORMAT AGEMD (F2.0).
```

RACE Respondent's self-reported racial or ethnic background. The original variable L8 was recoded into White and Black, and the remaining individuals are combined into an 'other' category.

```
COMPUTE RACE = QL8.
RECODE RACE (1=1) (3=2) (2,4,5 THRU 7=3) (8=9).
MISSING VALUES RACE (9).
VARIABLE LABELS RACE 'RACE OF RESPONDENT'.
VALUE LABELS RACE 1 'WHITE' 2 'BLACK' 3 'OTHER'.
FORMAT RACE (F1.0).
```

GENDER Gender of respondent. This variable is merely the L15 variable set to a new name for the convenience of the datafile users.

```
COMPUTE GENDER = QL15.
VARIABLE LABELS GENDER 'GENDER OF RESPONDENT'.
VALUE LABELS GENDER 1 'MALE' 2 'FEMALE'.
FORMAT GENDER (F1.0).
```

EDUC Educational level of respondent. This variable is merely the L7 variable set to a new name for the convenience of the data file users.

```
COMPUTE EDUC = QL7.
RECODE EDUC (88,99=99).
MISSING VALUES EDUC (99).
VARIABLE LABELS EDUC 'EDUCATION OF RESPONDENT'.
VALUE LABELS EDUC  01 'LESS THAN HS' 02 'SOME HS'
                   03 'HS GRADUATE' 04 'SOME TECH SCHOOL'
                   05 'TECH SCHOOL GRAD' 06 'SOME COLLEGE'
                   07 'COLLEGE GRADUATE' 08 'POST GRAD/PROF DEGREE'
                   09 'OTHER'.
FORMAT EDUC (F2.0).
```

WKSTATUS Respondent's employment status. This variable was constructed from the working variables I2, I2a, and I2B1 through I2B4 and is prioritized so that those respondents who have more than one status, for example, women who have a part time job and who are housewives, are assigned to the working category status as opposed to the housewife (or retiree, student...) category. Fulltime workers are in WKSTATUS value 1; parttime workers are in WKSTATUS value 2; those who are unemployed are in WKSTATUS value 3; individuals who are students and retirees and do not have paying jobs are in WKSTATUS values 4 and 5, respectively. Individuals who are homemakers and who do have have paying jobs outside the home are in WKSTATUS value 6.

```
COMPUTE WKSTATUS = 9.
IF (QI2 = 1 AND QI2A <=2)WKSTATUS = QI2A.
IF (QI2 <> 1 AND QI2B4 = 1)WKSTATUS = 6.
IF (QI2 <> 1 AND QI2B1 = 1)WKSTATUS = 5.
IF (QI2 <> 1 AND QI2B3 = 1)WKSTATUS = 4.
IF (QI2 <> 1 AND QI2B2 = 1)WKSTATUS = 3.
MISSING VALUES WKSTATUS (9).
VARIABLE LABELS WKSTATUS 'WORK STATUS OF RESPONDENT'.
VALUE LABELS  WKSTATUS  1 'WORKED FULL TIME' 2 'WORKED PART TIME'
                        3 'UNEMPLOYED' 4 'STUDENT' 5 'RETIRED'
                        6 'HOMEMAKER'.
FORMAT WKSTATUS (F1.0).
```

MARSTAT Marital status of respondent. This variable is merely the L5 variable set to a new name for the convenience of the data file users.

```
COMPUTE MARSTAT = QL5.
RECODE MARSTAT (8,9=9).
MISSING VALUES MARSTAT (9).
VARIABLE LABELS MARSTAT 'MARITAL STATUS OF RESPONDENT'.
VALUE LABELS MARSTAT 1 'MARRIED' 2 'SINGLE' 3 'DIVORCED'
                     4 'SEPARATED' 5 'WIDOWED'.
FORMAT MARSTAT (F1.0).
```

PARTYID Political party identification of respondent. This variable indicates strength of political affilitation as well as party identification. It represents a composite of questions L9a, L9b, and L9c.

```
COMPUTE PARTYID = 0.
IF (QL9A = 1) PARTYID=7.
IF (QL9A = 2) PARTYID=6.
IF (QL9C = 1) PARTYID=5.
IF (QL9C = 3) PARTYID=4.
IF (QL9C = 2) PARTYID=3.
IF (QL9B = 2) PARTYID=2.
IF (QL9B = 1) PARTYID=1.
IF (QL9A=8 OR QL9A=9 OR QL9B=8 OR QL9B=9 OR QL9C=8 OR QL9C=9) PARTYID=9.
MISSING VALUES PARTYID (9)
VARIABLE LABELS PARTYID 'POLITICAL PARTY IDENTIFICATION'.
VALUE LABELS PARTYID 1 'Strong Dem' 2 'Weak Dem' 3 'Indep Dem'
                     4 'Indep Ind' 5 'Indep Rep' 6 'Weak Rep'
                     7 'Strong Rep' 9 'Apolitical'.
FORMAT PARTYID (F1.0).
```

PARTY This is the recoded version of the political party identification variable QL9. The Democratic category includes Independents who think of themselves as closer to the Democratic party as well strong and weak Democrats. A comparable procedure is followed for the Republican category. The only people who remain in the Independent category are those individuals who do not think of themselves as close to either of the major political parties.

```
COMPUTE PARTY = 9.
IF (PARTYID = 7 OR PARTYID = 6 OR PARTYID = 5) PARTY=3.
IF (PARTYID = 1 OR PARTYID = 2 OR PARTYID = 3) PARTY=1.
IF (PARTYID = 4) PARTY = 2.
MISSING VALUES PARTY (9).
VARIABLE LABELS PARTY 'POLITICAL PARTY, GROUPED'.
VALUE LABELS PARTY 1 'Democratic' 2 'Independent'
                   3 'Republican' 9 'Apolitical'.
FORMAT PARTY (F1.0).
```

HCOMP This variable is constructed from the marital status of the respondent and the number of children reported living in the household. Respondents who were married, and had children living in the home were assigned a value of 1. Those who were married, and had no children living in the home were assigned a value of 2. Individuals who were divorced, separated, widowed, or single, and who had children in the home were assigned a value of 3. Singles without children were assigned a 4.

```
COMPUTE TEMPVAR = QL5.
COMPUTE TEMPVAR2 = QL10A.
RECODE TEMPVAR (3,4,5 = 2)/TEMPVAR2 (SYSMISS=0).
IF ((TEMPVAR = 1) AND (TEMPVAR2 = 0))HHCOMP = 2.
IF ((TEMPVAR = 1) AND ((TEMPVAR2 GE 1) AND (TEMPVAR2 LT 88)))HHCOMP = 1.
IF ((TEMPVAR = 2) AND (TEMPVAR2 = 0))HHCOMP = 4.
IF ((TEMPVAR = 2) AND ((TEMPVAR2 GE 1) AND (TEMPVAR2 LT 88)))HHCOMP = 3.
IF (TEMPVAR GE 6)HHCOMP = 9.
IF (TEMPVAR2 GE 88)HHCOMP = 9.
MISSING VALUES HHCOMP (9).
VARIABLE LABELS HHCOMP 'HOUSEHOLD COMPOSITION'.
VALUE LABELS HHCOMP 1 'MARRIED, KIDS' 2 'MARRIED, NO KIDS'
                    3 'SINGLE PARENT' 4 'SINGLE, NO KIDS'.
FORMAT TEMPVAR HHCOMP (F2.0).
```

HHSIZE The total number of people reported to be living in the household. This variable is derived from L10, and recoded so that the value 3 represents households with 3 or 4 persons living in the household, and value 4 represents those households in which more than 4 persons live.

```
COMPUTE HHSIZE = QL10.
RECODE HHSIZE (3,4 = 3)(5 THRU 30 = 4)(88,99 = 9).
MISSING VALUES HHSIZE (9).
VARIABLE LABELS HHSIZE 'HOUSEHOLD SIZE'.
VALUE LABELS HHSIZE 1 'ONE PERSON' 2 'TWO PEOPLE' 3 '3 OR 4 PEOPLE'
                    4 '5 OR MORE PEOPLE'.
FORMAT HHSIZE (F1.0).
```

NADULTS The number of adult members living in the respondent's household, including him/her self. This variable was constructed by taking the total number of individuals living in the household (L10), and subtracting the total number of children (18 or younger) reported to be living in the household (L10A). Since this variable was used in the construction of the weighting variable, the few missing cases were assigned to the 1 category.

```
COMPUTE TEMPVAR = QL10A.
RECODE TEMPVAR (88,99, SYSMISS = 0).
COMPUTE NADULTS = QL10 - TEMPVAR.
IF (QL10 GE 88)NADULTS = 1.
VARIABLE LABELS NADULTS 'NUMBER OF ADULTS IN HOUSEHOLD'.
FORMAT NADULTS (F2.0).
```

NKIDS The number of household members who are under 18 years of age. This variable is merely the L10A variable set to a new name for the convenience of the data file users.

```
COMPUTE NKIDS = QL10A.
RECODE NKIDS (SYSMISS = 0)(88,99 = 99).
MISSING VALUE NKIDS(99).
VARIABLE LABELS NKIDS 'NUMBER OF CHILDREN IN HOUSEHOLD'.
FORMAT NKIDS (F1.0).
```

INCOME Reported household income level for 1996. This variable represents a composite of questions L12 through L12B. The categories of INCOME are those under L12A and L12B.

```
COMPUTE INCOME = 99.
IF (QL12 = 1)INCOME = QL12A.
IF (QL12 = 2)INCOME = QL12B.
RECODE INCOME (88=99).
MISSING VALUES INCOME (99).
VARIABLE LABELS INCOME 'HOUSEHOLD INCOME'.
VALUE LABELS INCOME 1 'UNDER $5,000' 2 '$5 TO 10,000' 3 '$10 TO 15,000'
           4 '$15 TO 20,000' 5 '$20 TO 25,000' 6 '$25 TO 30,000'
           7 '$30 TO 35,000' 8 '$35 TO 40,000' 9 '$40 TO 50,000'
           10 '$50 TO 60,000' 11 '$60 TO 70,000' 12 '$70 TO 80,000'
           13 '$80,000 OR MORE'.
FORMAT INCOME (F2.0).
```

HHWKSTAT Head of household's employment status. The variable is set equal to WKSTATUS if L11 is 1, that is, the respondent contributed most to the household income. If someone else contributed most to the household income, HHWKSTAT is calculated in the same way as WKSTATUS except using the variables L11A, L11A1, and L11A2A through L11A2D.

```
COMPUTE HHWKSTAT = 9.
COMPUTE TEMPVAR = QL11.
RECODE TEMPVAR (SYSMISS=1).
IF (QL11A = 1 AND QL11A1 <=2)HHWKSTAT = QL11A1.
IF (QL11A <> 1 AND QL11A2D = 1)HHWKSTAT = 6.
IF (QL11A <> 1 AND QL11A2A = 1)HHWKSTAT = 5.
IF (QL11A <> 1 AND QL11A2C = 1)HHWKSTAT = 4.
IF (QL11A <> 1 AND QL11A2B = 1)HHWKSTAT = 3.
MISSING VALUES HHWKSTAT (9).
IF (TEMPVAR = 1 AND NOT MISSING(WKSTATUS))HHWKSTAT=WKSTATUS.
VARIABLE LABELS HHWKSTAT 'HOUSEHOLD WORK STATUS'.
VALUE LABELS HHWKSTAT 1 'WORKED FULL TIME' 2 'WORKED PART TIME'
                      3 'UNEMPLOYED' 4 'STUDENT' 5 'RETIRED' 6 'HOMEMAKER'.
FORMAT HHWKSTAT (F1.0).
```

CITY City where the respondent lives. This is a recoded version of zip code, so it is only an approximation of actual city of residence.

```
COMPUTE CITY = 3.
IF (QL2 = 55401 OR QL2 = 55402 OR QL2 = 55403 OR QL2 = 55404 OR QL2 = 55405
OR QL2 = 55406 OR QL2 = 55407 OR QL2 = 55408 OR QL2 = 55409 OR QL2 = 55410
OR QL2 = 55411 OR QL2 = 55412 OR QL2 = 55413 OR QL2 = 55414 OR QL2 = 55415
OR QL2 = 55417 OR QL2 = 55418 OR QL2 = 55419 OR QL2 = 55454 OR QL2 = 55455
OR QL2 = 55440) CITY=1.
IF (QL2 = 55101 OR QL2 = 55102 OR QL2 = 55103 OR QL2 = 55104 OR QL2 = 55105
OR QL2 = 55106 OR QL2 = 55107 OR QL2 = 55108 OR QL2 = 55116 OR QL2 = 55117)
CITY=2.
IF (QL2=88888 OR QL2=99999) CITY=9.
MISSING VALUES CITY (9).
VARIABLE LABELS CITY 'LOCATION OF RESIDENT'.
VALUE LABELS CITY 1 'MINNEAPOLIS' 2 'ST PAUL' 3 'OTHER'.
FORMAT CITY (F1.0).
```

COUNTY County in which the respondent reports living. COUNTY is an unrecoded duplicate of question L1.

```
COMPUTE COUNTY = QL1.
RECODE COUNTY (88=99).
MISSING VALUES COUNTY (99).
VARIABLE LABELS COUNTY 'COUNTY OF RESIDENCE'.
VALUE LABELS COUNTY 1 'AITKIN' 2 'ANOKA' 3 'BECKER' 4 'BELTRAMI' 5 'BENTON'
                    6 'BIG STONE' 7 'BLUE EARTH' 8 'BROWN' 9 'CARLTON'
                    10 'CARVER' 11 'CASS' 12 'CHIPPEWA' 13 'CHISAGO'
                    14 'CLAY' 15 'CLEARWATER' 16 'COOK' 17 'COTTONWOOD'
                    18 'CROW WING' 19 'DAKOTA' 20 'DODGE' 21 'DOUGLAS'
                    22 'FARIBAULT' 23 'FILLMORE' 24 'FREEBORN' 25 'GOODHUE'
                    26 'GRANT' 27 'HENNEPIN' 28 'HOUSON' 29 'HUBBARD'
                    30 'ISANTI' 31 'ITASCA' 32 'JACKSON' 33 'KANABEC'
                    34 'KANDIYOHI' 35 'KITTSON' 36 'KOOCHICHING'
                    37 'LAC QUI PARLE' 38 'LAKE' 39 'LAKE OF THE WOODS'
                    40 'LE SUEUR' 41 'LINCOLN' 42 'LYON' 43 'MCLEOD'
                    44 'MAHNOMEN' 45 'MARSHALL' 46 'MARTIN' 47 'MEEKER'
                    48 'MILLE LACS' 49 'MORRISON' 50 'MOWER' 51 'MURRAY'
                    52 'NICOLLET' 53 'NOBLES' 54 'NORMAN' 55 'OLMSTED'
                    56 'OTTER TAIL' 57 'PENNINGTON' 58 'PINE'
                    59 'PIPESTONE' 60 'POLK' 61 'POPE' 62 'RAMSEY'
                    63 'RED LAKE' 64 'REDWOOD' 65 'RENVILLE' 66 'RICE'
                    67 'ROCK' 68 'ROSEAU' 69 'ST. LOUIS' 70 'SCOTT'
                    71 'SHERBURNE' 72 'SIBLEY' 73 'STEARNS' 74 'STEELE'
                    75 'STEVENS' 76 'SWIFT' 77 'TODD' 78 'TRAVERSE'
                    79 'WABASHA' 80 'WADENA' 81 'WASECA' 82 'WASHINGTON'
                    83 'WATONWAN' 84 'WILKIN' 85 'WINONA' 86 'WRIGHT'
                    87 'YELLOW MEDICINE'.
FORMAT COUNTY (F2.0).
```

DDREGION Development District or Financial Planning Region in the State of Minnesota. The state is divided geographically into 13 regions, where district 11 represents the seven county metro area. The variable is constructed through recoding the variable COUNTY into the appropriate region. Non-responses to the county variable were assigned a missing code of 99.

```
COMPUTE DDREGION=COUNTY.
RECODE DDREGION (35,45,54,57,60,63,68=1) (4,15,29,39,44=2)
       (1,9,16,31,36,38,69,72=3) (3,14,21,26,56,61,75,78,84=4)
       (11,18,49,77,80=5) (34,43,47,65=6) (6,12,37,76,87=7)
       (13,30,33,48,58=8) (5,71,73,86=9) (17,32,41,42,51,53,59,64,67=10)
       (7,8,22,40,46,52,71,81,83=11) (20,23,24,25,28,50,55,66,74,79,85=12)
       (2,10,19,27,62,70,82=13) (SYSMIS = 99).
MISSING VALUES DDREGION (99).
VARIABLE LABELS DDREGION 'DEVELOPMENT DISTRICT REGION'.
VALUE LABELS DDREGION 1 'DISTRICT 1' 2 'DISTRICT 2' 3 'DISTRICT 3'
                      4 'DISTRICT 4' 5 'DISTRICT 5' 6 'DISTRICT 6E'
                      7 'DISTRICT 6W' 8 'DISTRICT 7E' 9 'DISTRICT 7W'
                     10 'DISTRICT 8' 11 'DISTRICT 9' 12 'DISTRICT 10'
                     13 'DISTRICT 11'.
FORMAT DDREGION (F2.0).
```

GEOREGN Geographic area of household. Recoded version of the variable DDREGION, so the state is broken up into six areas, as follows: Northwest (regions 1,2); Northeast (region 3); Central (regions 4 through 7W); Southwest (regions 8,9); Southeast (region 10); Metro (region 11).

```
COMPUTE GEOREGN=DDREGION.
RECODE GEOREGN (1,2=1) (3=2) (4 THRU 9=3) (10,11=4) (12=5) (13=6) (SYSMIS=9).
MISSING VALUES GEOREGN (9).
VARIABLE LABELS GEOREGN 'GEOGRAPHIC REGION OF MINNESOTA'.
VALUE LABELS GEOREGN 1 'NORTHWEST' 2 'NORTHEAST' 3 'CENTRAL'
                     4 'SOUTHWEST' 5 'SOUTHEAST' 6 'METRO'.
FORMAT GEOREGN (F1.0).
```

METRO Respondent's area of residence is in the Twin Cities Metro Area or outside the metro area. Respondents living in DDREGION code (13), actually District #11, were assigned to value 2, Twin Cities area residents, while others were assigned to value 1.

```
COMPUTE METRO=DDREGION.
RECODE METRO (13=2) (SYSMIS=99) (ELSE=1).
MISSING VALUES METRO (99).
VARIABLE LABELS METRO 'GREATER MINNESOTA OR TWIN CITIES AREA'.
VALUE LABELS METRO 2 'TWIN CITIES AREA' 1 'GREATER MINNESOTA'.
FORMAT METRO (F1.0).
```

WGHT

Case-weighting factor to adjust for household size bias in the final sample of completed interviews. This variable weights each respondent's representation in the sample according to the number of adult members living in the household, with the purpose being to downweight respondents living in one-adult households, and upweight those living in two or more person households.
The weighting factor was derived by looking at a crosstabulation of NADULTS in UNWEIGHTED form, and making the following computation:

VALUE		FREQUENCY (n)		PRODUCT
1	x	n	=	x
2	x	n	=	nn
3	x	n	=	nnn
4	x	n	=	nnnn
5	x	n	=	nnnnn
6	x	n	=	nnnnnn
7	x	n	=	nnnnnnn
8	x	n	=	nnnnnnnn
		SUM		nnnnnnnnn

Weighting factor = sampling size (800)/sum of NADULTS.

For the MSS sample the weighting factor is approximately 0.5184705. Each respondent is assigned a case weight by multiplying his/her value of NADULTS by this weighting factor. This is accomplished in SPSS-PC by the following statements:

```
COMPUTE WGHT=(NADULTS * 800/1543).
VARIABLE LABELS WGHT 'CASE-WEIGHTING FACTOR'.
WEIGHT BY WGHT.
FORMAT WGHT (F17.16).
```

MFS-97.APC

APPENDIX D

ADMINISTRATIVE VARIABLES

MDOC MASTER ID LOG DATE OF COMPLETION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1014	7	.8	.8	.8
	1015	9	1.1	1.1	1.9
	1016	19	2.3	2.3	4.3
	1018	11	1.4	1.4	5.6
	1019	9	1.2	1.2	6.8
	1020	36	4.5	4.5	11.3
	1021	32	4.0	4.0	15.2
	1022	18	2.2	2.2	17.4
	1023	21	2.6	2.6	20.0
	1025	24	3.0	3.0	23.1
	1026	31	3.8	3.8	26.9
	1027	47	5.9	5.9	32.8
	1028	35	4.3	4.3	37.1
	1029	22	2.7	2.7	39.9
	1030	22	2.8	2.8	42.6
	1101	24	3.0	3.0	45.7
	1102	26	3.2	3.2	48.9
	1103	50	6.2	6.2	55.2
	1104	26	3.3	3.3	58.5
	1105	20	2.5	2.5	61.0
	1106	34	4.2	4.2	65.2
	1107	1	.1	.1	65.3
	1108	16	2.0	2.0	67.3
	1109	17	2.1	2.1	69.5
	1110	17	2.1	2.1	71.6
	1111	12	1.6	1.6	73.2
	1113	26	3.2	3.2	76.4
	1115	7	.8	.8	77.3
	1116	15	1.8	1.8	79.1
	1117	14	1.7	1.7	80.8
	1118	7	.9	.9	81.7
	1119	12	1.5	1.5	83.2
	1120	16	1.9	1.9	85.2
	1122	10	1.2	1.2	86.4
	1123	7	.8	.8	87.2
	1124	10	1.2	1.2	88.5
	1125	7	.8	.8	89.3
	1126	2	.2	.2	89.5
	1201	12	1.5	1.5	91.0
	1202	5	.6	.6	91.6
	1203	6	.8	.8	92.4
	1204	9	1.2	1.2	93.6
	1206	7	.9	.9	94.5
	1207	10	1.3	1.3	95.8
	1208	9	1.1	1.1	96.9
	1209	4	.5	.5	97.3
	1210	1	.1	.1	97.4
	1211	12	1.6	1.6	99.0
	1213	5	.6	.6	99.6
	1214	3	.3	.3	99.9
	1230	1	.1	.1	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

MIID MASTER ID LOG INTERVIEWER ID

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	.3	.3	.3
	3	39	4.9	4.9	5.1
	4	32	4.0	4.0	9.1
	6	24	3.0	3.0	12.1
	7	19	2.4	2.4	14.5
	8	43	5.4	5.4	19.9
	9	17	2.1	2.1	22.0
	10	20	2.5	2.5	24.4
	12	27	3.4	3.4	27.8
	13	29	3.6	3.6	31.4
	14	40	5.1	5.1	36.5
	16	7	.9	.9	37.4
	18	48	6.0	6.0	43.4
	19	31	3.8	3.8	47.2
	20	35	4.3	4.3	51.6
	21	9	1.2	1.2	52.8
	22	35	4.3	4.3	57.1
	26	38	4.8	4.8	61.9
	27	7	.9	.9	62.8
	28	3	.4	.4	63.2
	29	20	2.5	2.5	65.7
	30	20	2.5	2.5	68.2
	31	11	1.4	1.4	69.5
	32	48	6.0	6.0	75.5
	33	37	4.6	4.6	80.1
	34	19	2.3	2.3	82.4
	35	6	.8	.8	83.2
	36	25	3.1	3.1	86.3
	39	1	.1	.1	86.4
	41	19	2.4	2.4	88.8
	42	19	2.3	2.3	91.1
	44	30	3.7	3.7	94.8
	45	41	5.2	5.2	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

MLEN MASTER ID LOG INTERVIEW LENGTH

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	13	1	.1	.1	.1
	16	5	.6	.6	.7
	17	8	1.0	1.0	1.7
	18	12	1.5	1.5	3.2
	19	10	1.3	1.3	4.5
	20	36	4.5	4.5	9.1
	21	39	4.9	4.9	14.0
	22	43	5.4	5.4	19.4
	23	57	7.1	7.1	26.4
	24	57	7.1	7.1	33.5
	25	55	6.9	6.9	40.4
	26	65	8.1	8.1	48.5
	27	56	7.0	7.0	55.5
	28	44	5.4	5.4	60.9
	29	47	5.9	5.9	66.8
	30	44	5.5	5.5	72.3
	31	33	4.1	4.1	76.5
	32	21	2.7	2.7	79.1
	33	22	2.7	2.7	81.9
	34	19	2.3	2.3	84.2
	35	17	2.1	2.1	86.3
	36	10	1.2	1.2	87.6
	37	19	2.4	2.4	90.0
	38	8	1.0	1.0	90.9
	39	9	1.1	1.1	92.0
	40	13	1.7	1.7	93.7
	41	7	.8	.8	94.6
	42	9	1.1	1.1	95.7
	43	1	.1	.1	95.8
	44	5	.6	.6	96.4
	45	1	.1	.1	96.6
	46	1	.1	.1	96.7
	47	2	.3	.3	97.0
	48	3	.3	.3	97.3
	49	5	.6	.6	97.9
	50	3	.4	.4	98.3
	51	1	.1	.1	98.3
	52	1	.1	.1	98.4
	53	3	.3	.3	98.8
	54	1	.1	.1	98.8
	55	1	.1	.1	98.9
	56	1	.1	.1	99.0
	59	4	.5	.5	99.5
	60	3	.3	.3	99.8
	67	1	.1	.1	99.9
	82	1	.1	.1	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

MMONIT MASTER ID LOG MONITORED

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	260	32.5	32.5	32.5
No	2	540	67.5	67.5	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

MRCON MASTER ID LOG REFUSAL CONVERSION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	102	12.7	12.7	12.7
No	2	698	87.3	87.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

CCONT CATI NUMBER OF ATTEMPTED CONTACTS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	294	36.7	36.7	36.7
	2	107	13.4	13.4	50.1
	3	83	10.4	10.4	60.5
	4	55	6.9	6.9	67.5
	5	44	5.4	5.4	72.9
	6	36	4.5	4.5	77.4
	7	29	3.6	3.6	81.0
	8	24	3.0	3.0	84.0
	9	17	2.1	2.1	86.1
	10	13	1.7	1.7	87.8
	11	19	2.3	2.3	90.1
	12	16	1.9	1.9	92.0
	13	9	1.1	1.1	93.1
	14	9	1.2	1.2	94.3
	15	7	.9	.9	95.2
	16	6	.8	.8	96.0
	17	5	.6	.6	96.6
	18	5	.6	.6	97.3
	19	4	.5	.5	97.7
	20	2	.2	.2	97.9
	21	1	.1	.1	98.1
	22	4	.5	.5	98.5
	23	1	.1	.1	98.6
	24	1	.1	.1	98.7
	25	2	.2	.2	98.9
	27	2	.2	.2	99.1
	29	2	.2	.2	99.3
	31	2	.2	.2	99.5
	33	1	.1	.1	99.6
	37	1	.1	.1	99.7
	45	2	.3	.3	100.0
	Total	800	100.0	100.0	

Valid cases 800 Missing cases 0

APPENDIX E

ADMINISTRATIVE FORMS

Appendix E contains brief explanations for the contact record disposition categories, and copies of the administrative forms used in MSS'97. There were two primary administrative forms: the contact record with callback/ refusal forms on the back, and the introduction. Contact records were used to record the actual date and time of each attempted contact with a household, the interviewer ID, and the final outcome (disposition) of each attempted contact.

CONTACT RECORD DISPOSITION CATEGORIES

There were 10 possible disposition categories for each call that was made. A brief explanation for each of these disposition categories is presented below.

Disposition	Explanation
Completed	All questions in the interview schedule had been asked.
Partial	The interview schedule was started but not completed. In such a case, interviewers were instructed to schedule an appointment to finish the survey, and to fill out the appointment form on the back of the contact record. If a respondent declined to complete the interview, the refusal form was completed.
No answer/busy	All attempts during a shift had resulted in the phone ringing six times without being answered. If no one in a household could be contacted on a minimum of 6 separate shifts, the telephone number was eliminated from the sample.
Ans machine/left msg	Each time a household answering machine was reached, the interviewer left a message stating the nature of the survey and that we would be calling back. The message also suggested that the household call us to ensure their opinion could be included in the survey.
# disc/not working	The number was not in operation.
Not home phone	The number was not for a residential phone.
Phys/lang problem	Respondent had been selected but could not complete the interview because of a physical or language impairment (for example, illness, hearing impairment, or developmental disability).
Refusal and second refusal	Someone in the household declined to participate. The person who refused could have been any member of the household. Interviewers were instructed to complete the refusal form.
Callback	Contact had been made with someone in the household. Interviewers were instructed to suggest a more convenient time to call back and were to fill out the appropriate information on the back of the contact record.
Other	Reserved for contingencies not covered by the other dispositions, for example, no one over 18 living in household.

Callback time:

CONTACT RECORD (CATI SURVEY)
MINNESOTA STATE SURVEY - 1997

[ID# ___ ___ ___ ___]

DATE:	_____	_____
TIME:	_____	_____

(CODER USE ONLY)
ID ___ ___ ___ ___

Completed	Completed
Partial	Partial
No answer/busy	No answer/busy
Ans Machine/left msg	Ans Machine/left msg
# disc/not working	# disc/not working
Not home phone	Not home phone
Phys/lang problem	Phys/lang problem
1st Refusal	1st Refusal
2nd Refusal	2nd Refusal
Callback	Callback
Other	Other

INTERVIEWER:	_____	_____
# CONTACTS:	_____	_____

DATE:	_____	_____
TIME:	_____	_____

Completed	Completed
Partial	Partial
No answer/busy	No answer/busy
Ans Machine/left msg	Ans Machine/left msg
# disc/not working	# disc/not working
Not home phone	Not home phone
Phys/lang problem	Phys/lang problem
1st Refusal	1st Refusal
2nd Refusal	2nd Refusal
Callback	Callback
Other	Other

INTERVIEWER:	_____	_____
# CONTACTS:	_____	_____

REPAIR OPERATOR

(after 4 NAs or busy):

Dial 1-800-573-1311

Date: ___/___

I-ID ___ ___

Working	01
Not working	02
Business	03
Other (SPEC)	04

_____

_____

TIME START_____

SUPERVISOR:_____ TIME END_____

INTERVIEW IN MIN_____

EDITED: Y N BY:_____ INTERVIEWER ID#_____

CALLBACK FORM

	Date___/___	Date ___/___	Date___/___	Date___/___
Speak with resp in person?	Yes / No	Yes / No	Yes / No	Yes / No
Respondent is:	F / M / DK	F / M / DK	F / M / DK	F / M / DK
Respondent's name:	_____	_____	_____	_____
Who arranged callback?	Resp / Else	Resp / Else	Resp / Else	Resp / Else
Callback Time:	___:___	___:___	___:___	___:___
Date:	___/___	___/___	___/___	___/___
Was appointment:	Firm/Prob/?	Firm/Prob/?	Firm/Prob/?	Firm/Prob/?
Was resp open/cooperative?	Yes / No / DK	Yes / No / DK	Yes / No / DK	Yes / No / DK

Comments/Information: _____

_____

REFUSAL FORM

Respondent is: Female / Male

Was respondent person who refused? Yes / No

Person answering phone was: Female / Male

Did they seem very busy or inconvenienced? Yes / No / Uncertain

At what point was the interview terminated?_____

_____

_____

What reasons were given for refusal?_____

_____

_____

What arguments were employed by the interviewer?_____

_____

_____

Other comments or information:_____

_____

_____

BLUE

Introduction

MINNESOTA STATE SURVEY 1997

A. Hello, my name is _____. I'm a student calling from the University of Minnesota.

B. We're doing a study about state issues such as quality of life, transportation, and the environment.

C. I need to talk to the person in your household who is 18 or older, and had the most recent birthday.

(IF RESPONDENT ASKS, SAY, "IT'S A METHOD OF RANDOMLY SELECTING PEOPLE WITHIN THE HOUSEHOLD)

D. Your answers will be put with a lot of other people's, so you can't be identified in any way. If there are questions you don't care to answer, we'll skip over them. Okay, let's begin.

(INTERVIEWERS: HOUSEHOLD MEANS WHATEVER THE RESPONDENT THINKS IT MEANS.)

ANSWERING MACHINE MESSAGE:

This is _____ calling from the University of Minnesota. We're doing a study about state issues such as quality of life, transportation, and the environment. Your household was selected to participate in our study, and we'll be calling you back another day. Or, to make sure your opinion is counted, you may call us collect at 612-627-4300. Thank you.

1997 MINNESOTA STATE SURVEY

VERIFICATION SCRIPT

A. Hello, my name is _____. I'm a student calling from the University of Minnesota.

B. A few (days/weeks) ago we called and interviewed someone in your household. I'm calling to verify that a member of your household was interviewed on (DATE) by a member of our staff. Could I please speak with that person?

IF KNOWN/NEEDED: The person we interviewed is a (MALE/FEMALE) born in (YEAR).

WHEN CORRECT PERSON IS ON THE PHONE:

C. I'm just calling to verify that you were interviewed on (DATE) by one of our interviewers. The survey was about a number of topics such as quality of life, transportation, employment, and the environment.

Do you recall this interview?

D. **WHEN VERIFIED:** Thank you very much!

STATEMENT OF PROFESSIONAL ETHICS

All interviewers working for the Minnesota Center for Survey Research (MCSR) are expected to understand that their professional activities are directed and regulated by the following statements of policy.

All research projects conducted at MCSR have received approval from the University's Committee on the Rights of Human Subjects. When study findings are made available, the utmost care is taken to ensure that no data are released that would permit any respondent to be identified.

Interviewers perform a professional function when they obtain information from individuals. Interviewers are expected to maintain professional ethical standards of confidentiality regarding what they hear in telephone interviews or see in a mail survey form. All information about respondents obtained during the course of research is privileged information, whether it relates to the interview itself or to the respondent's home, family, and activities. This information is confidential and should not be discussed with anyone who is not affiliated with the research project.

In addition, blank survey forms, survey questions, and other survey materials should not be distributed to or discussed with anyone who is not affiliated with the research project.

I hereby agree to abide by the policy statements above, and in signing this statement I testify that I, in fact, agree to abide by and understand the contents of this statement. I also understand that if I fail to abide by the policies presented above, my actions constitute grounds for dismissal.

_____ _____

(Please print name here) (Please sign name here)

Date: _____